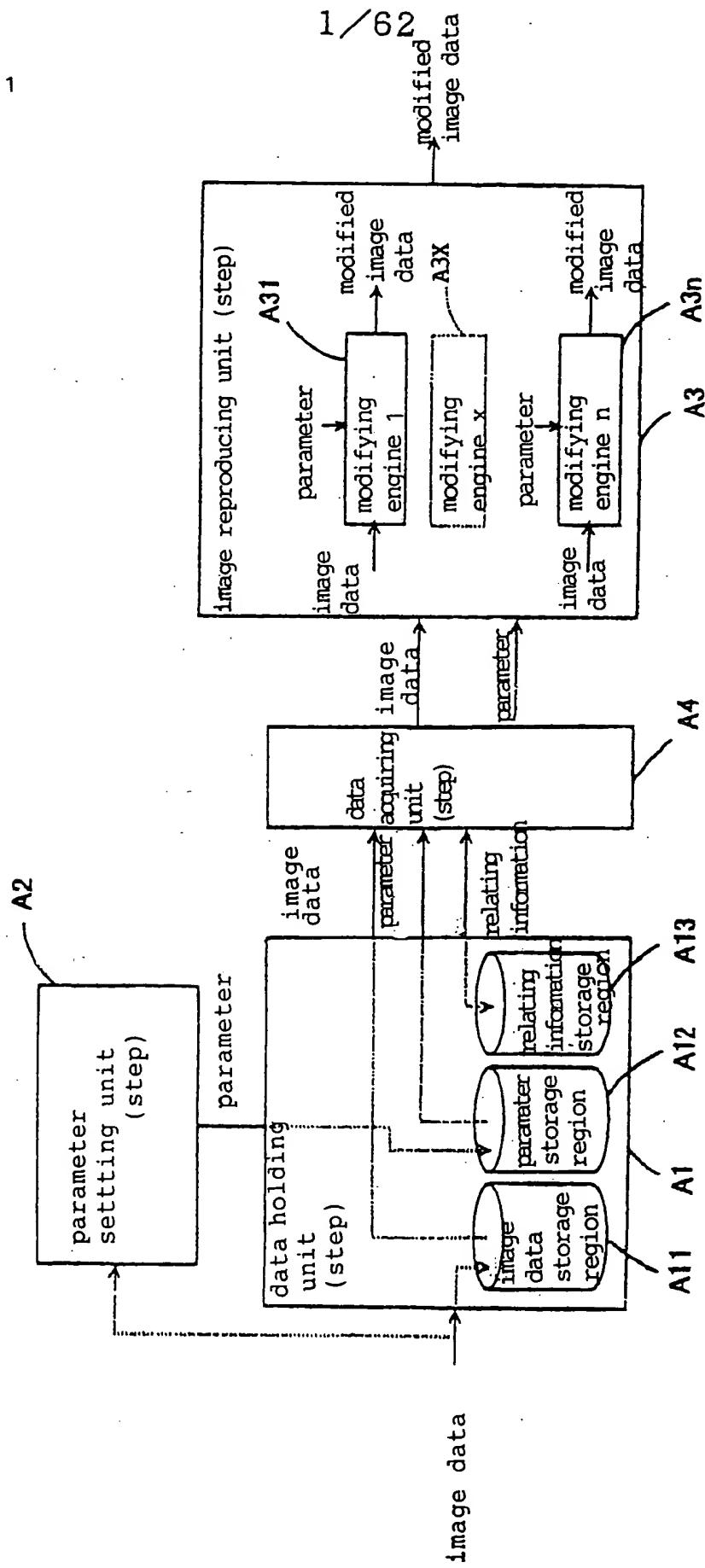


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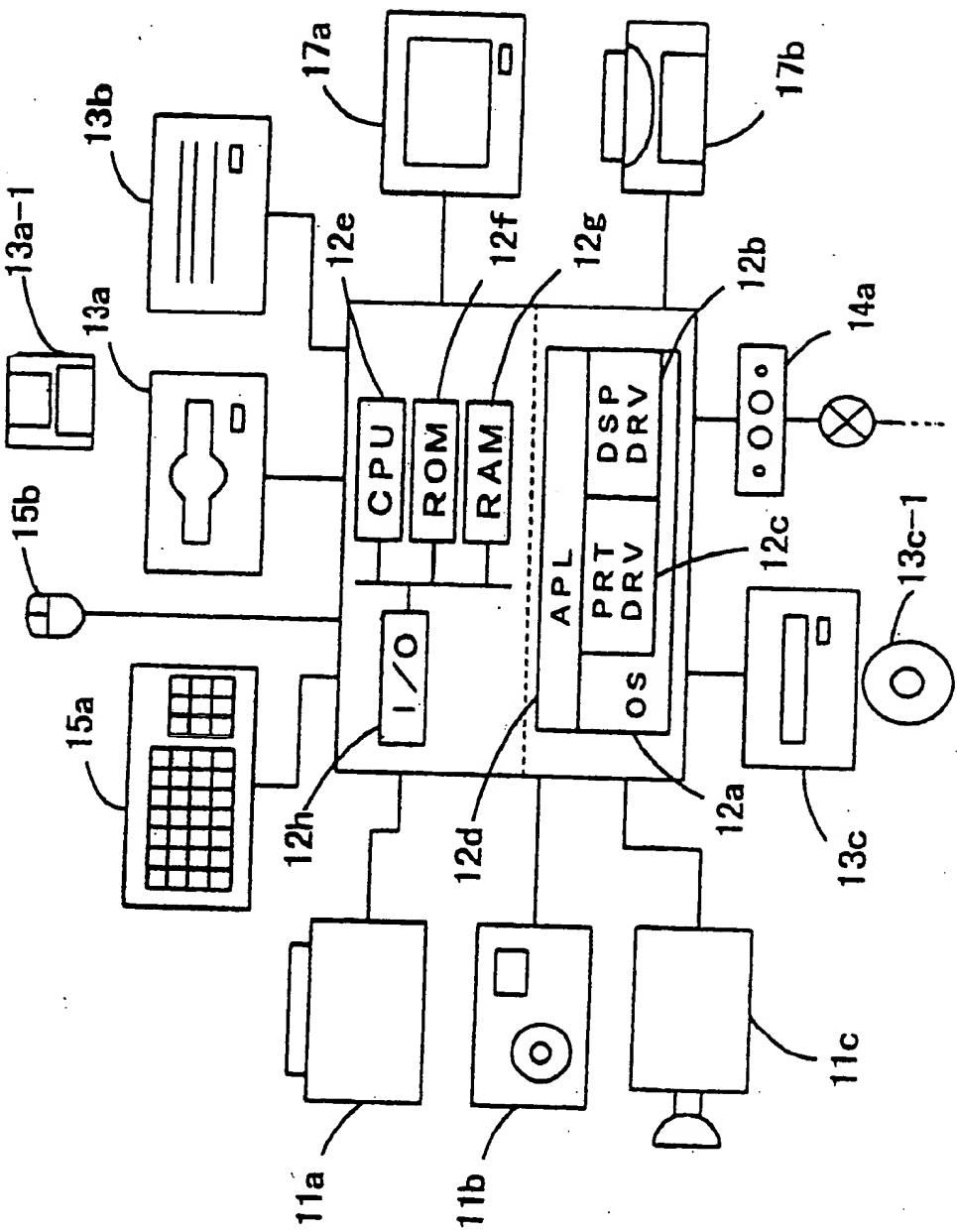
Fig. 1



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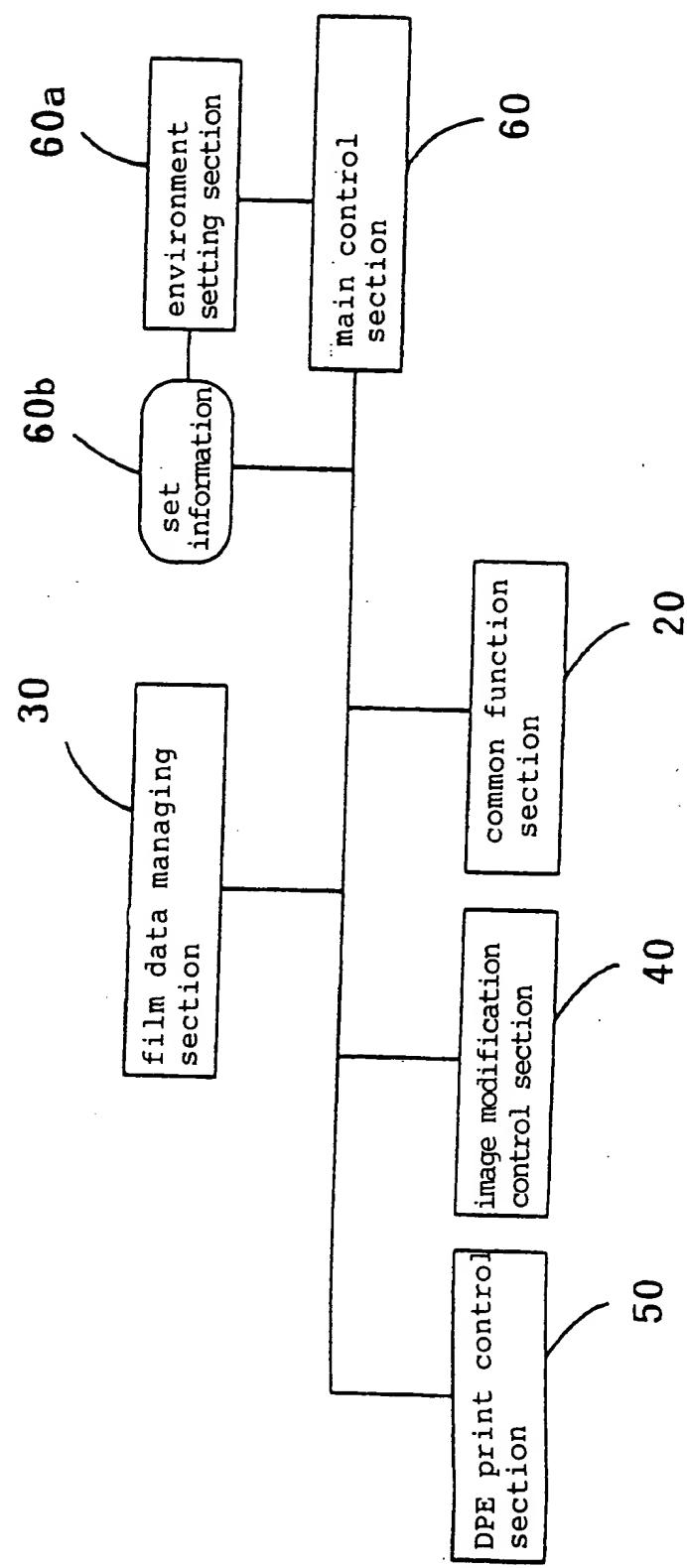
Fig. 2



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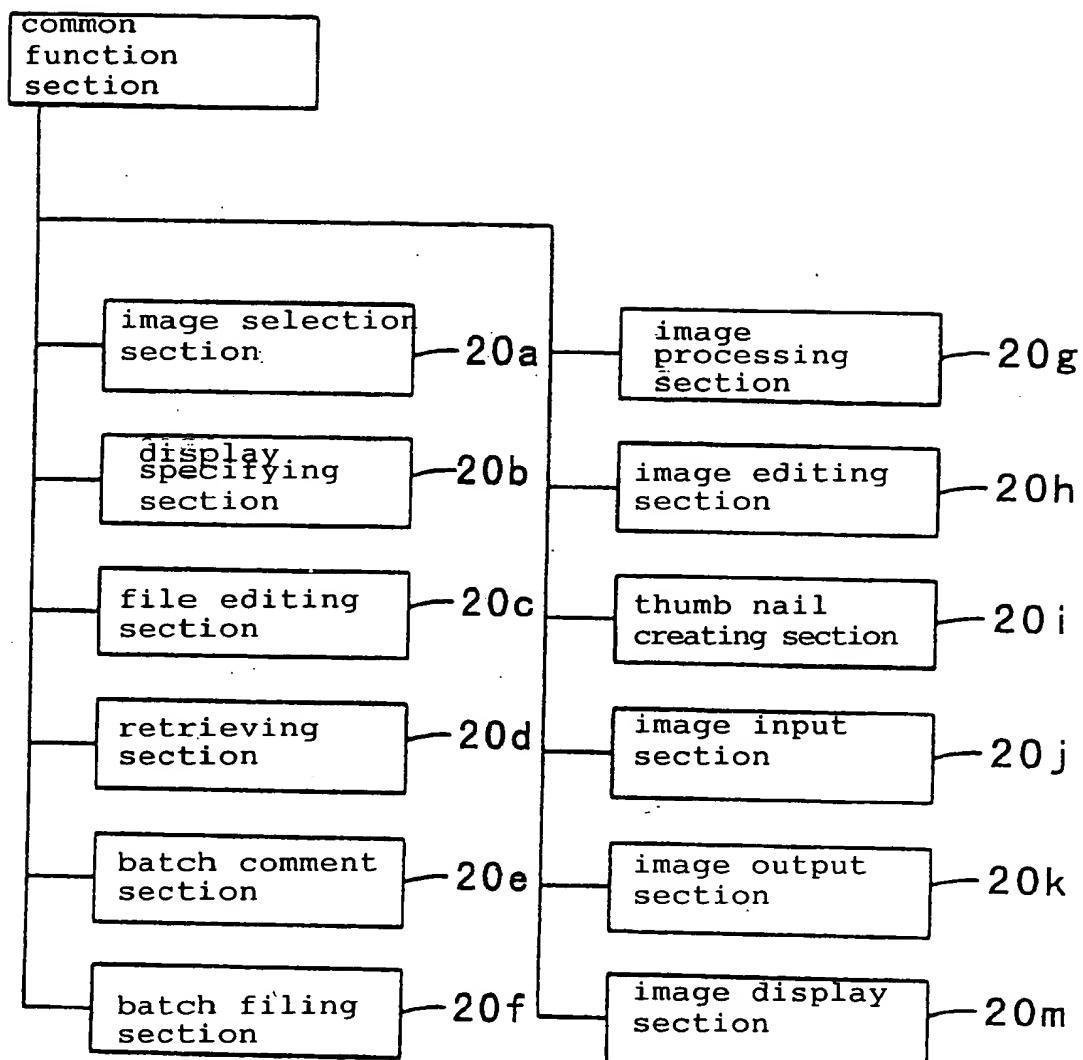
Fig. 3



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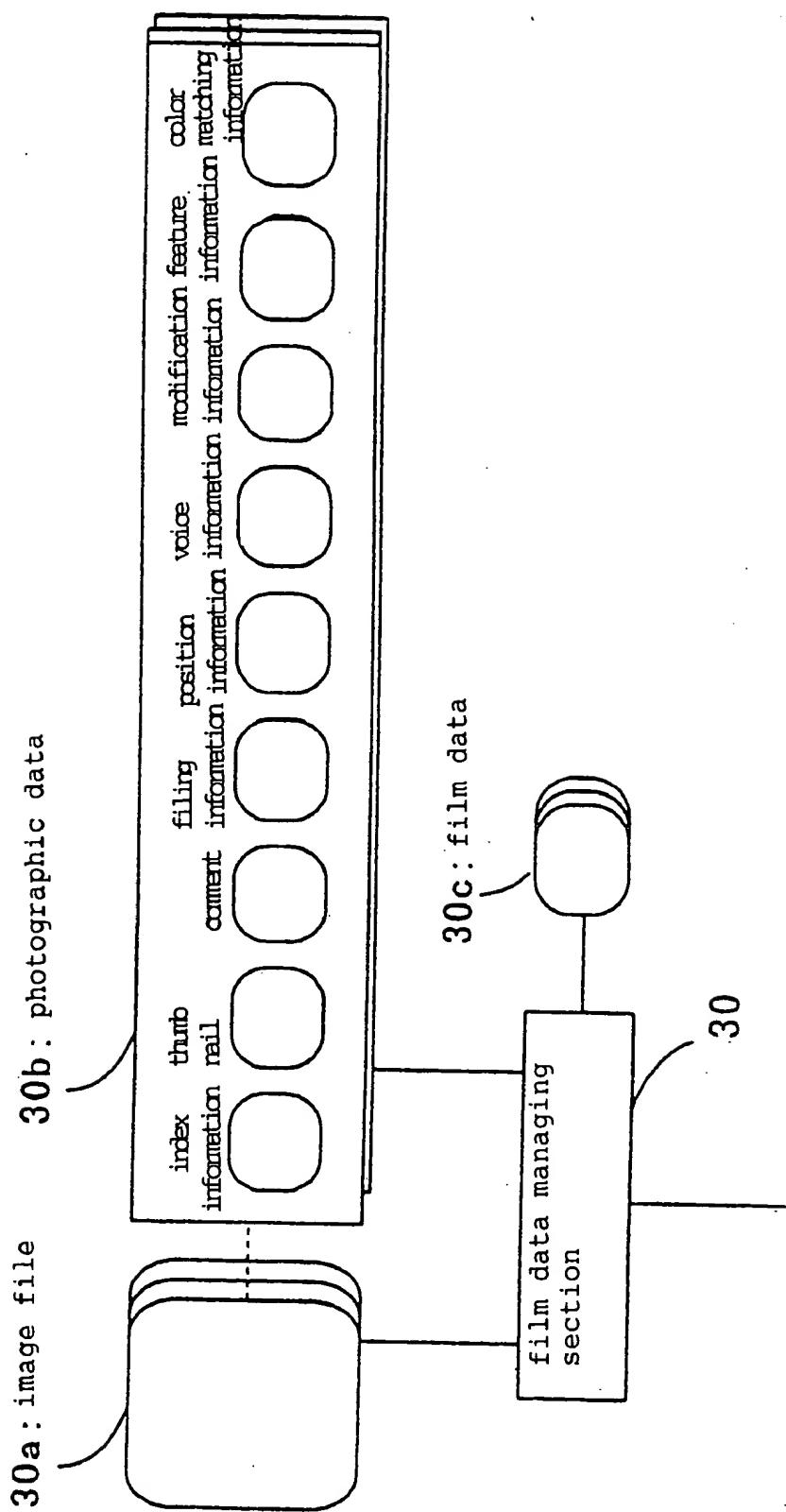
Fig. 4



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Fig. 5

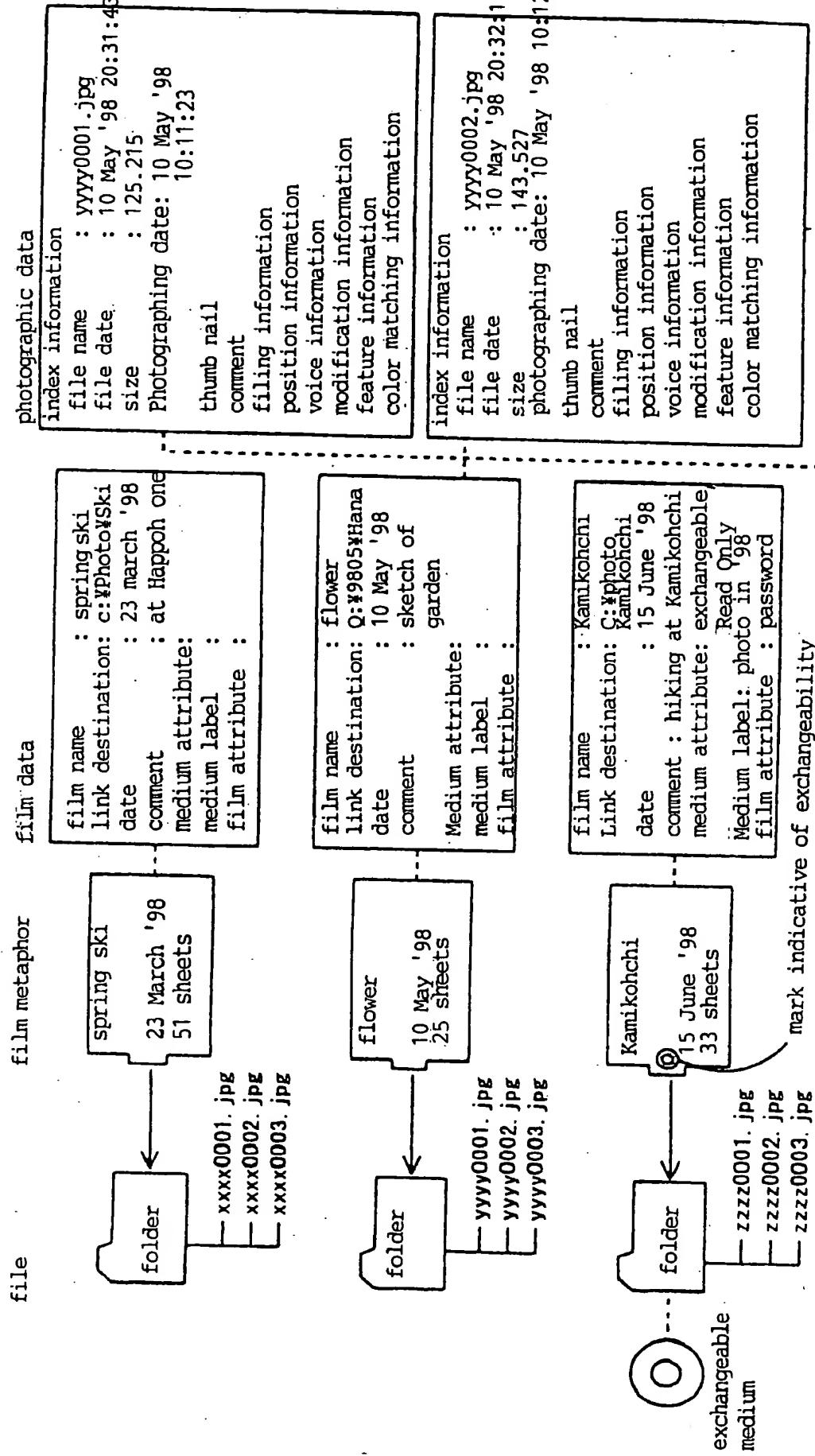


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Fig. 6



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Fig. 7

//

private: attribute

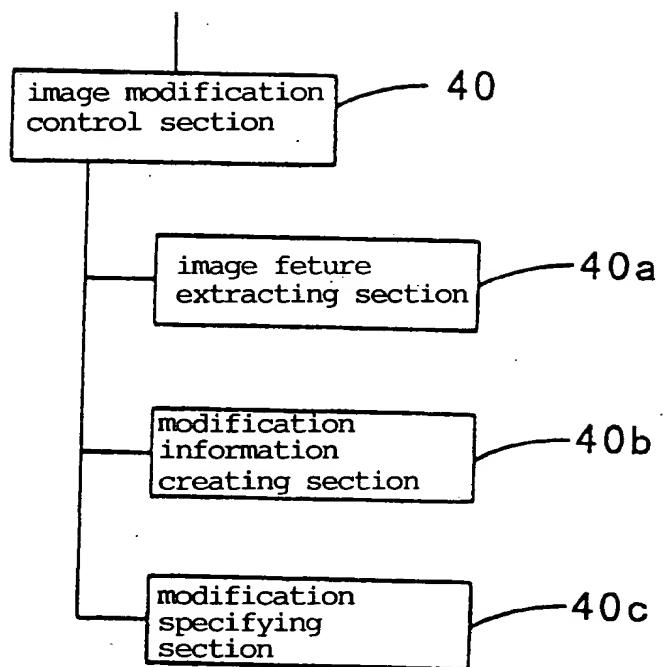
USHORT m_nMask; // mask flag indicative of effective member

[
 SHORT m_x1; // trimming start x coordinate
 SHORT m_y1; // trimming start y coordinate
 SHORT m_x2; // trimming end x coordinate
 SHORT m_y2; // trimming end y coordinate
 SHORT m_nRotation; // rotating angle
 SHORT m_nApf; // automatic image modification
 SHORT m_nRed; // red
 SHORT m_nGreen; // green
 SHORT m_nBlue; // blue
 SHORT m_nBrightness; // brightness
 SHORT m_nContrast; // contrast
]

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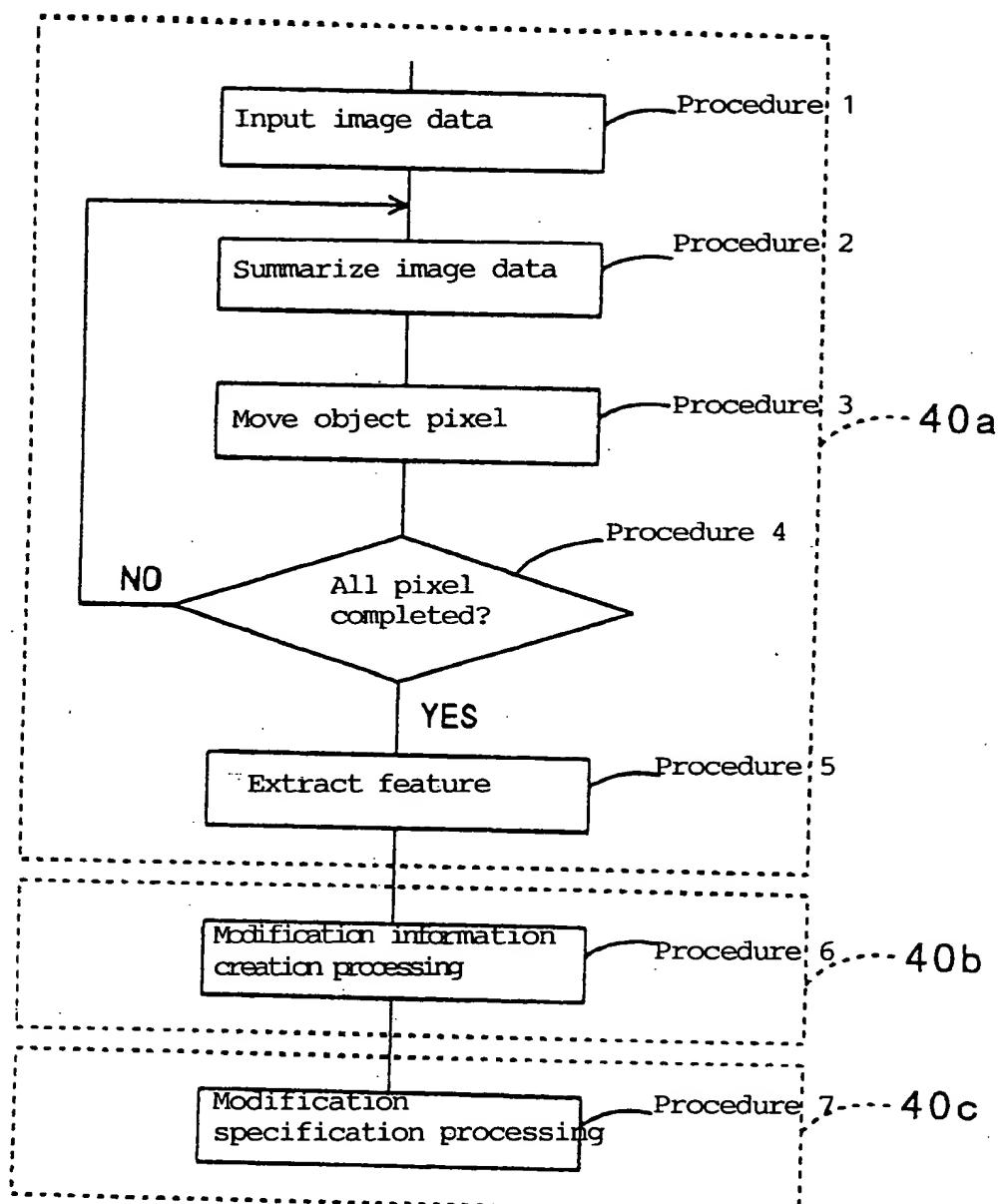
Fig. 8



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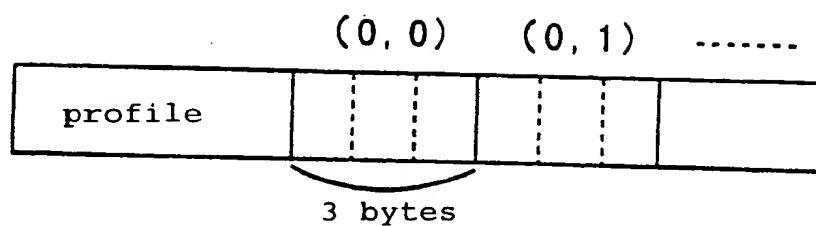
Fig. 9



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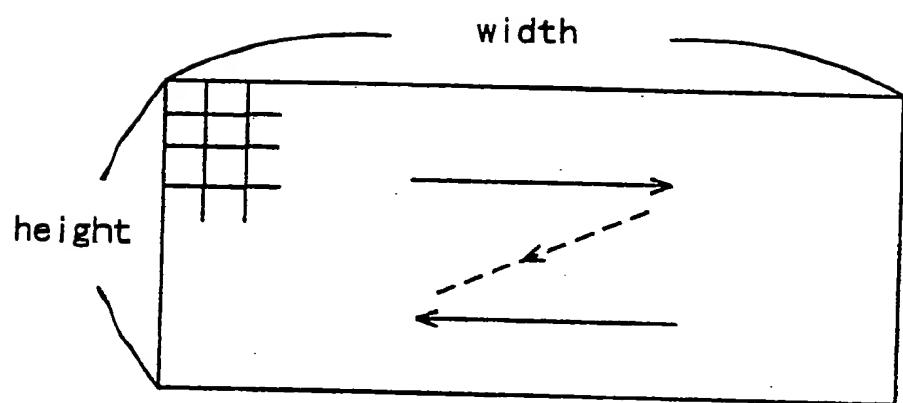
Fig. 10



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Fig. 11

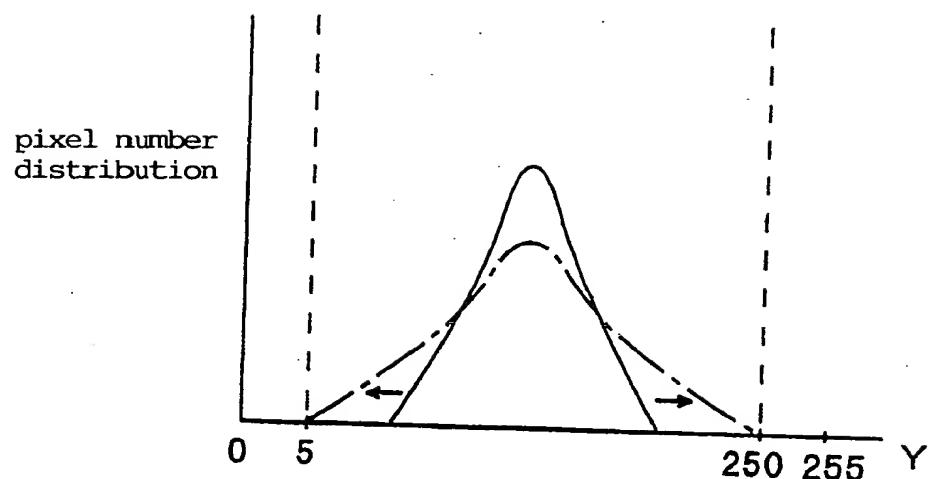


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Fig. 12

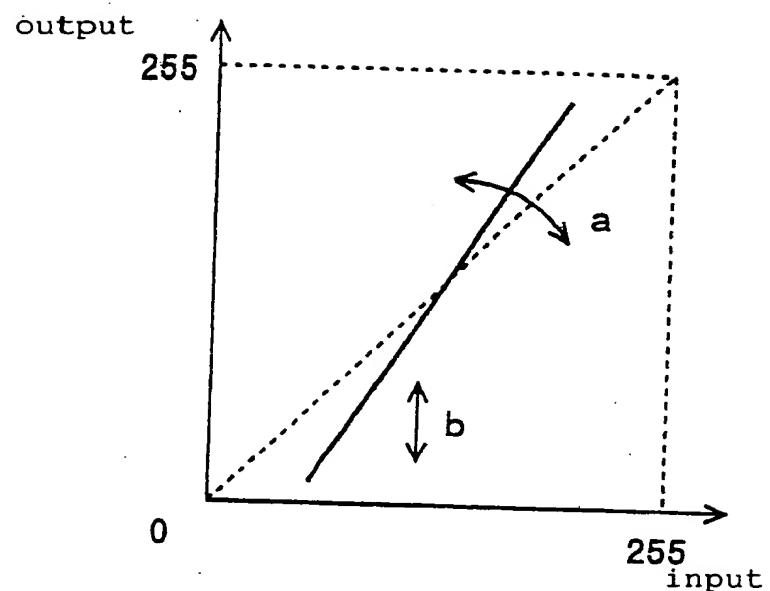


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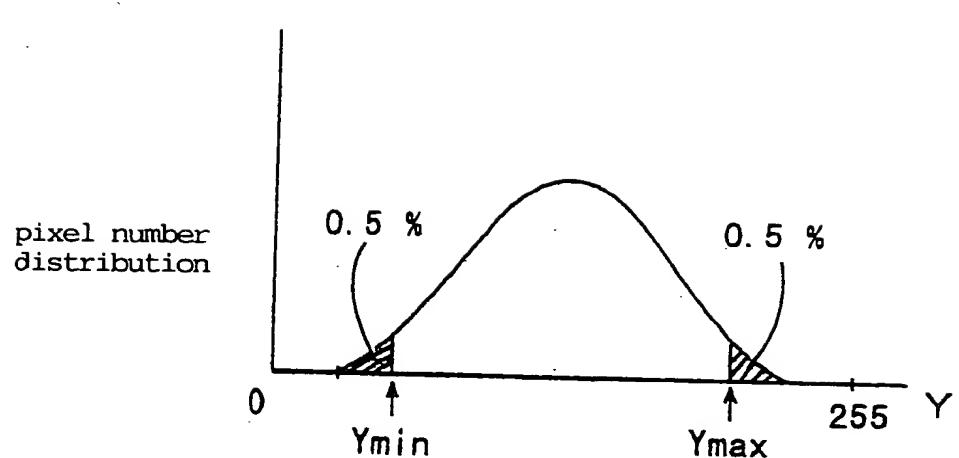
Fig. 13



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Fig. 14



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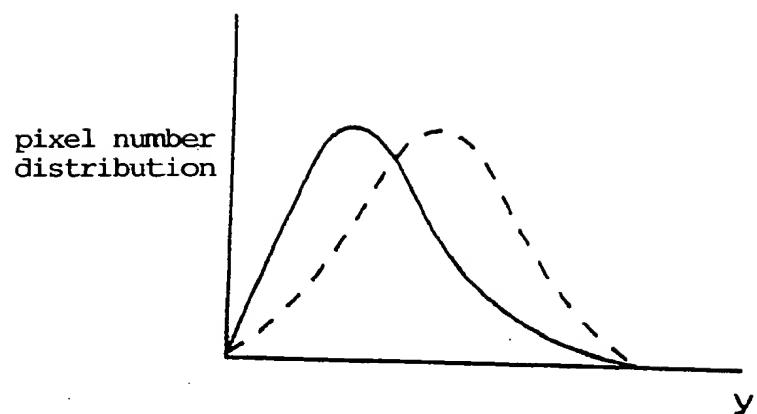
Fig. 15

y	Y
0	0
Ymin	5
.....
Ymax	250
255	255

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Fig. 16

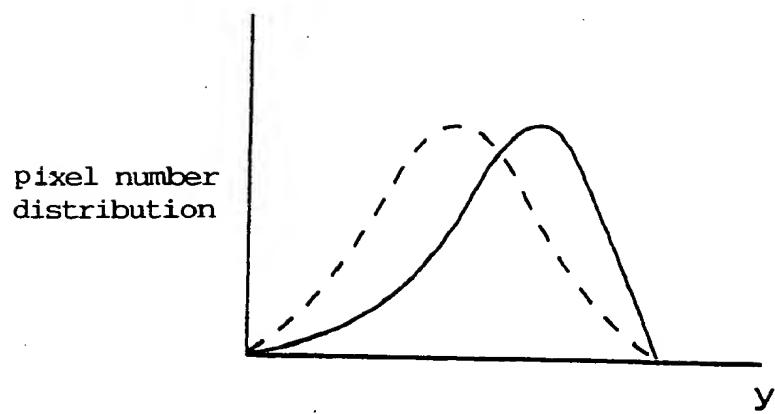


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Fig. 17

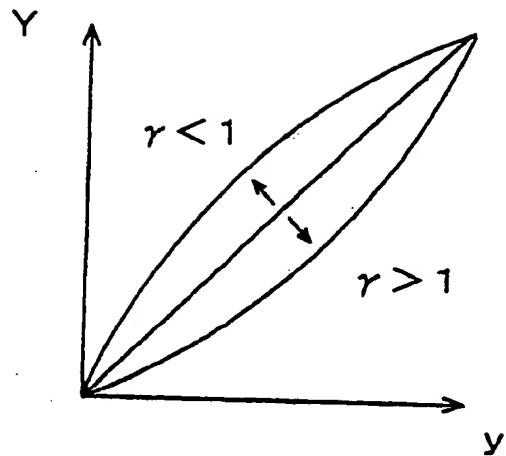


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Fig. 18



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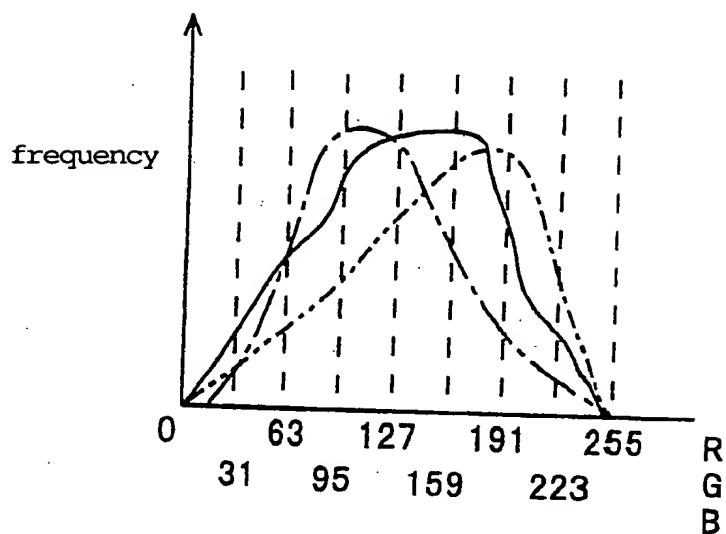
Fig. 19

$Y_{med_target} - Y_{med}$	γ
+20	0. 80
+15	0. 85
+10	0. 90
+5	0. 95
0	1
-5	1. 05
-10	1. 10
-15	1. 15
-20	1. 20

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Fig. 20

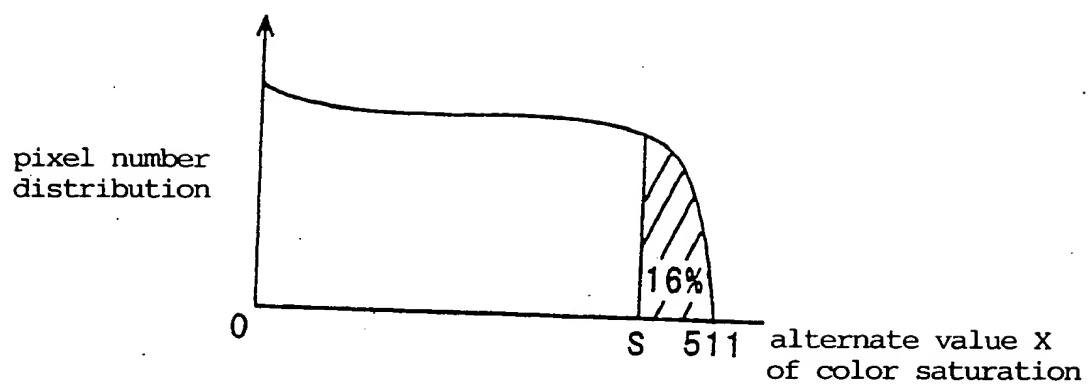


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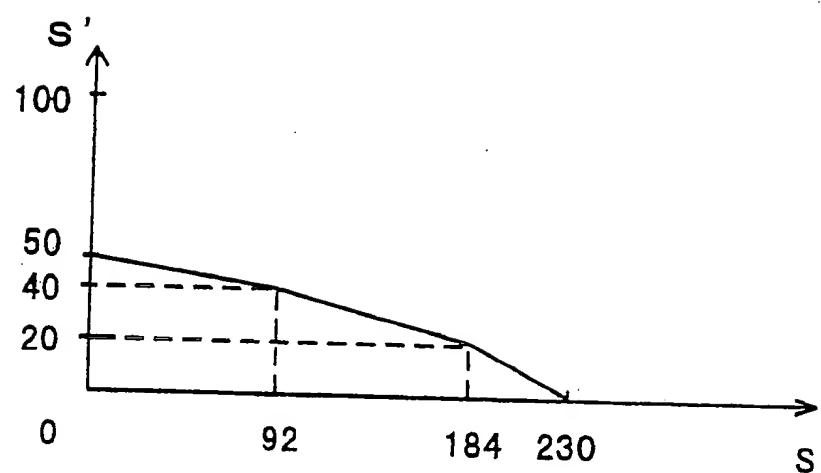
Fig. 21



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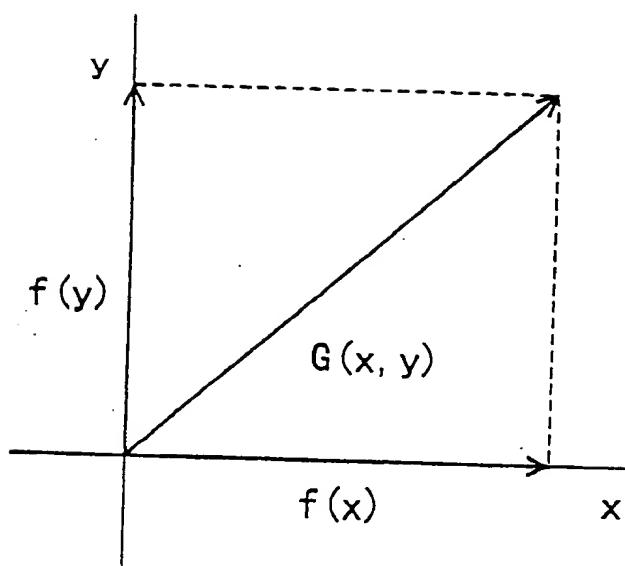
Fig. 22



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Fig. 23

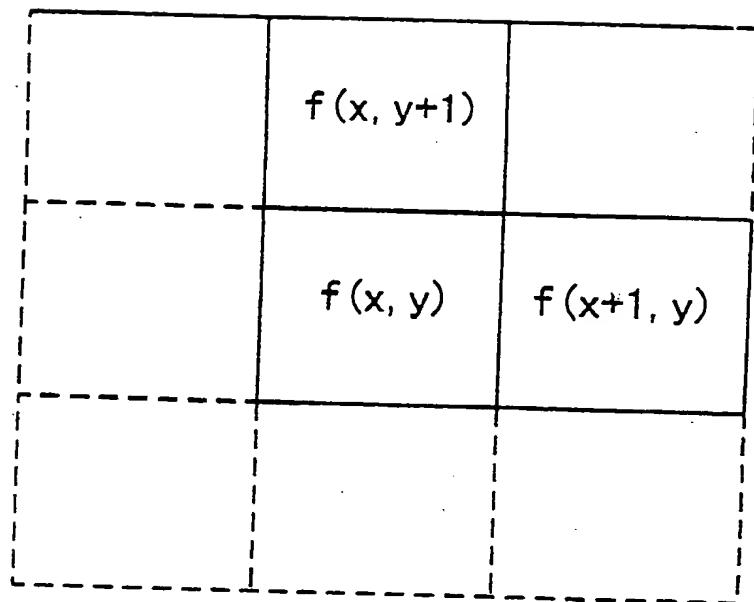


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Fig. 24



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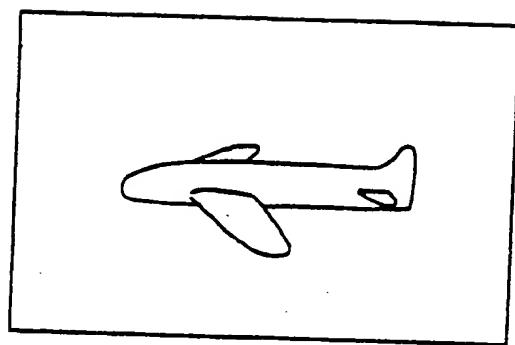
Fig. 25

$f(x-1, y+1)$	$f(x, y+1)$	$f(x+1, y+1)$
$f(x-1, y)$	$f(x, y)$	$f(x+1, y)$
$f(x-1, y-1)$	$f(x, y-1)$	$f(x+1, y-1)$

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Fig. 26



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Fig. 27

5 × 5

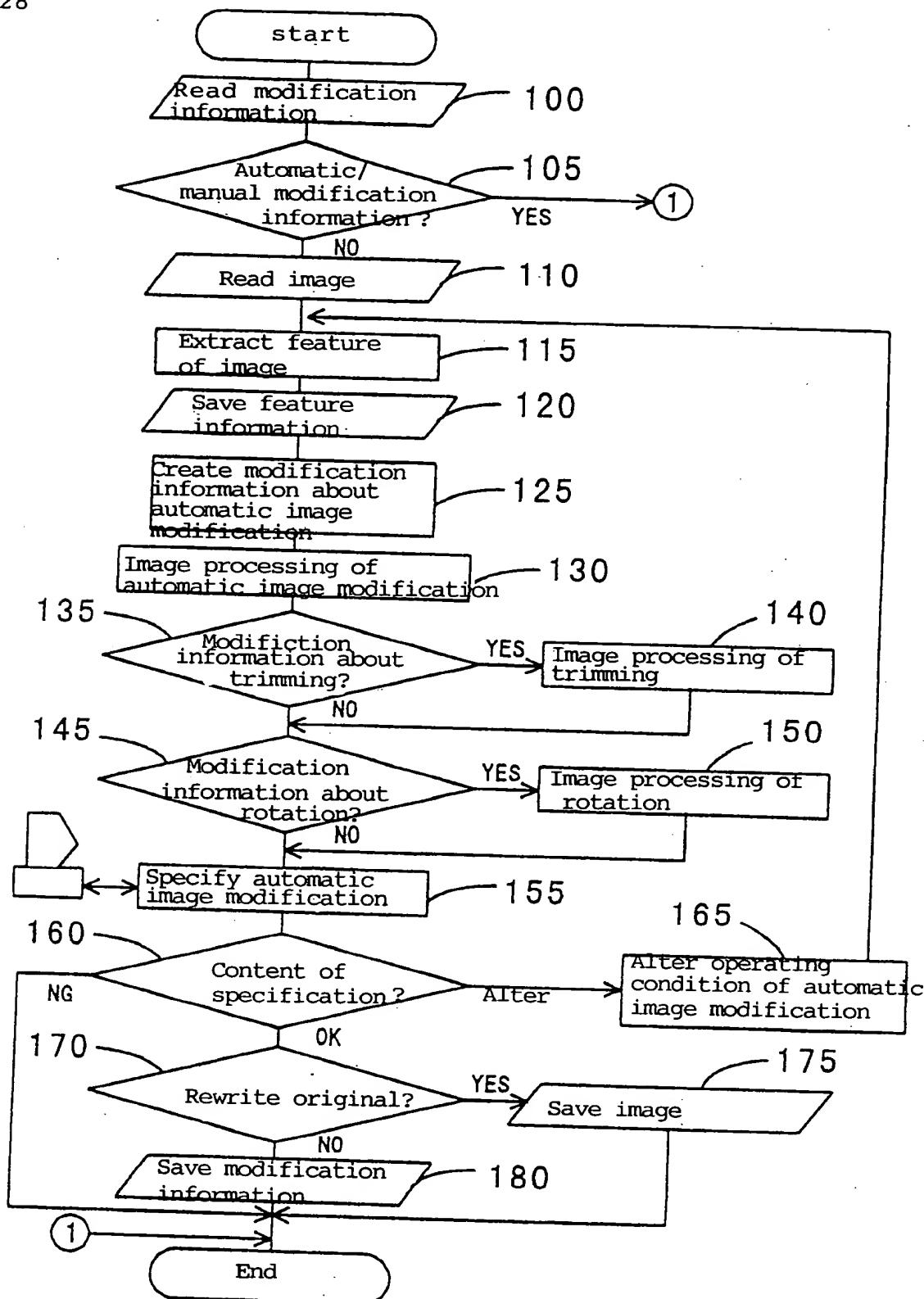
	i=-2	-1	0	1	2
j=-2	0	2	4	2	0
-1	2	20	46	20	2
0	4	46	100	46	4
1	2	20	46	20	2
2	0	2	4	2	0

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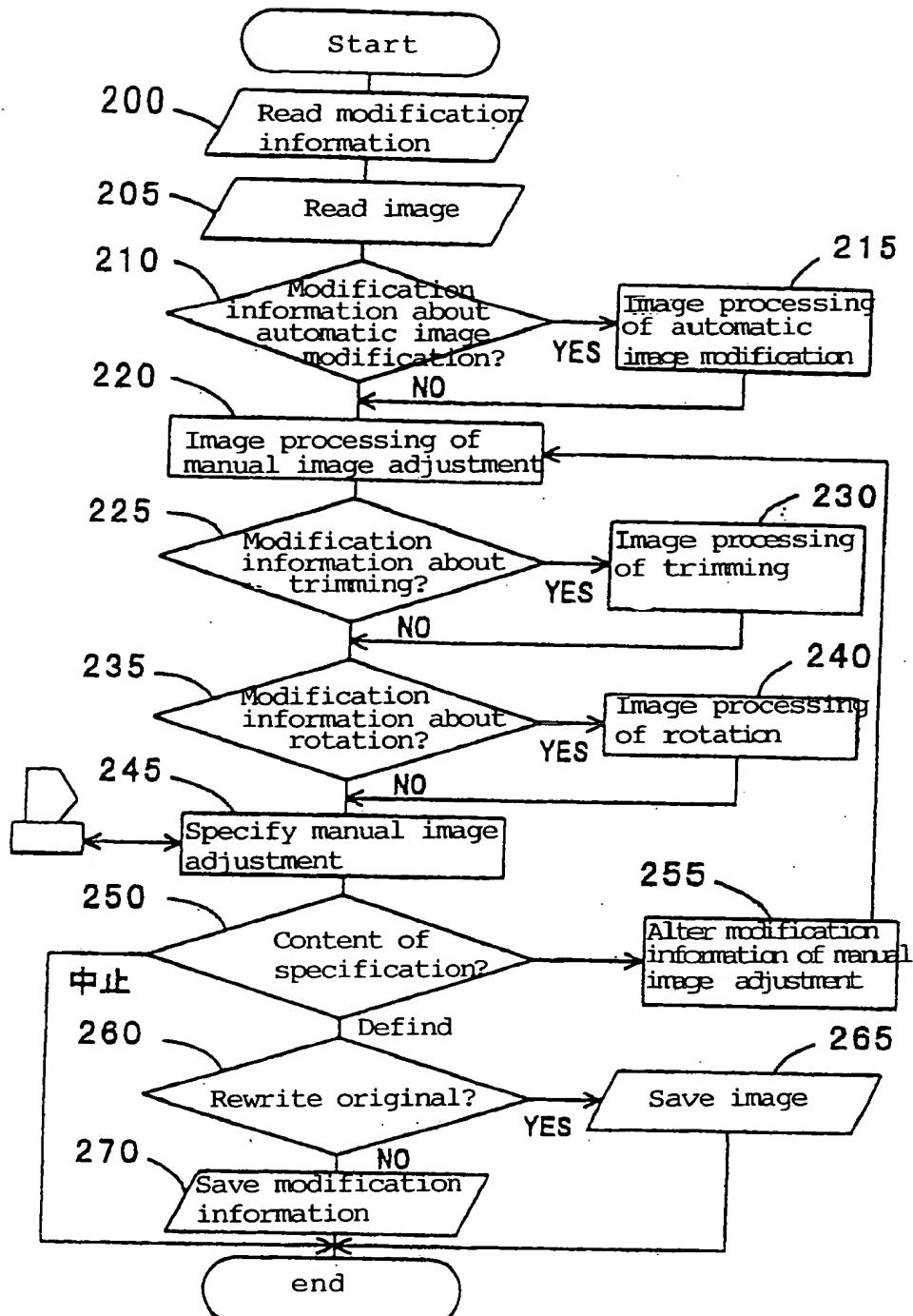
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Fig. 28



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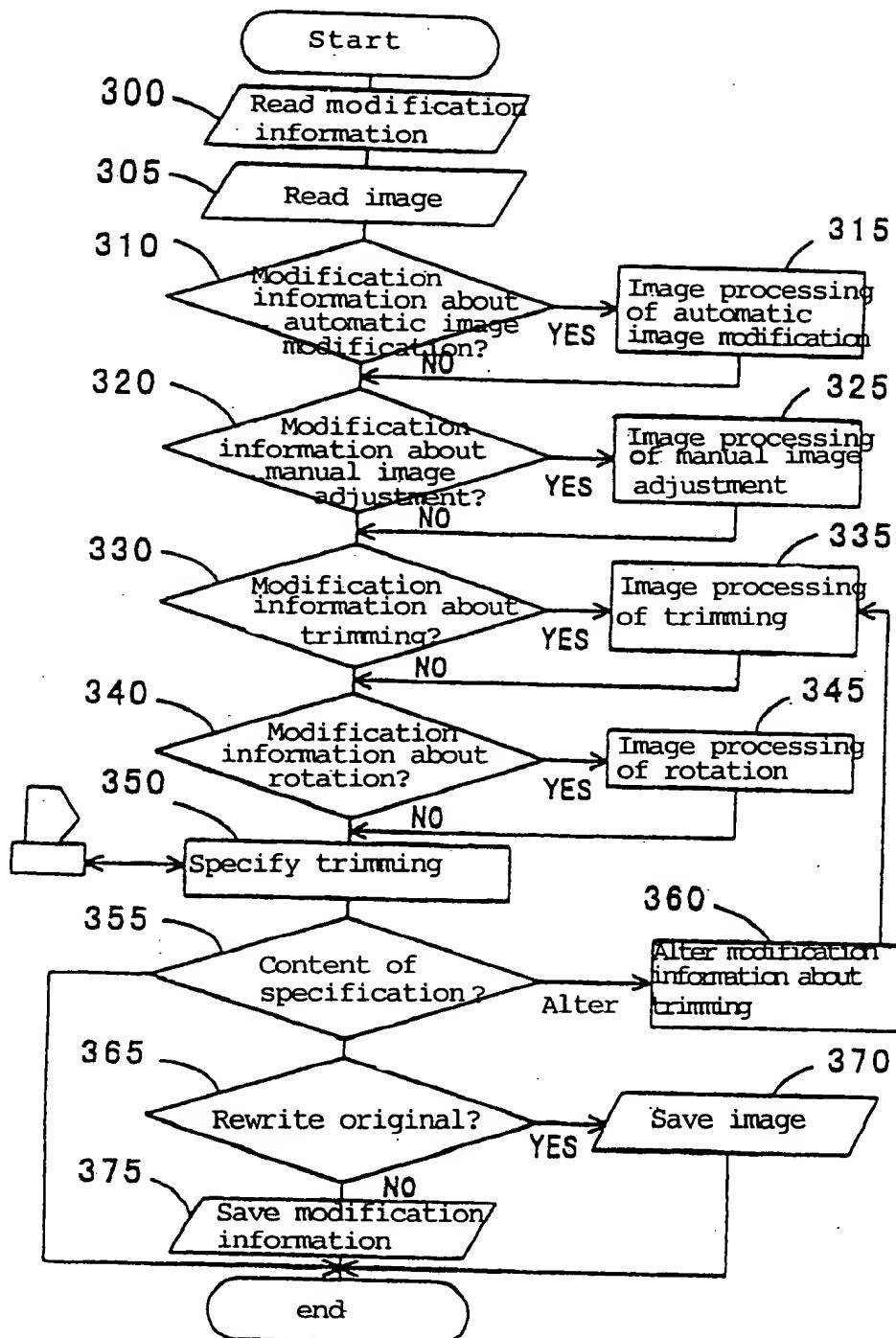
Fig. 29



09/52966

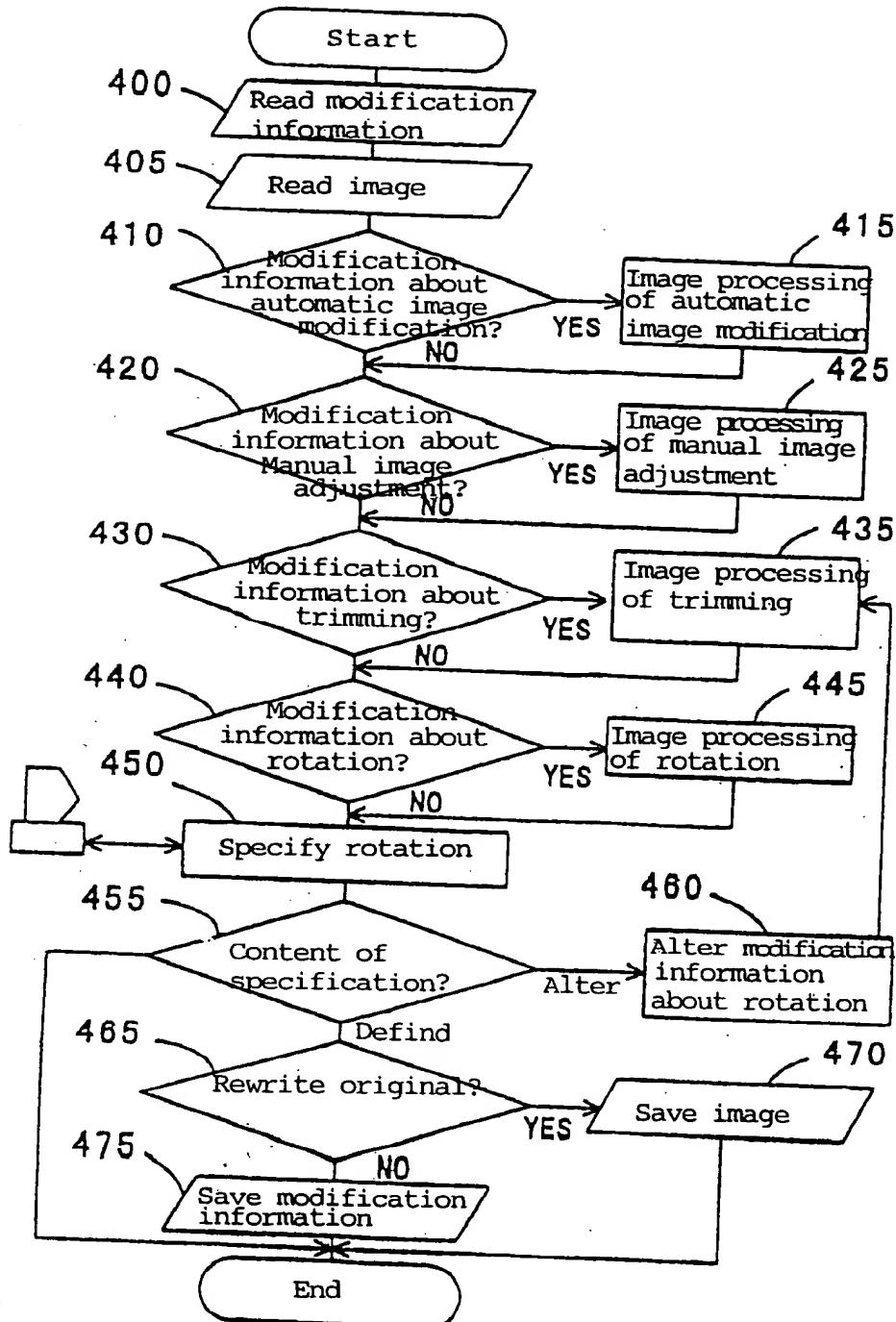
30/62

Fig. 30



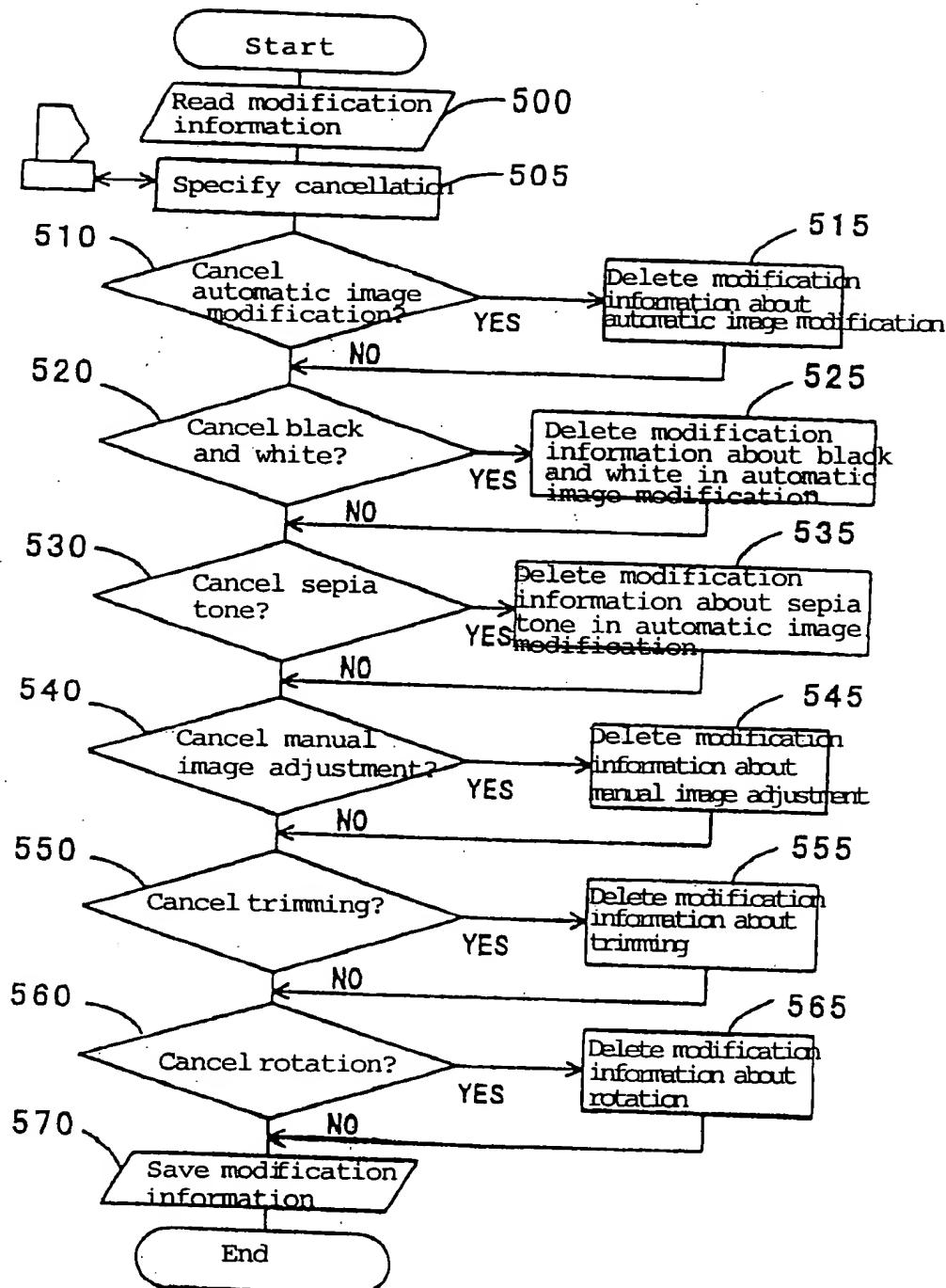
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Fig. 31



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Fig. 32



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Fig. 33

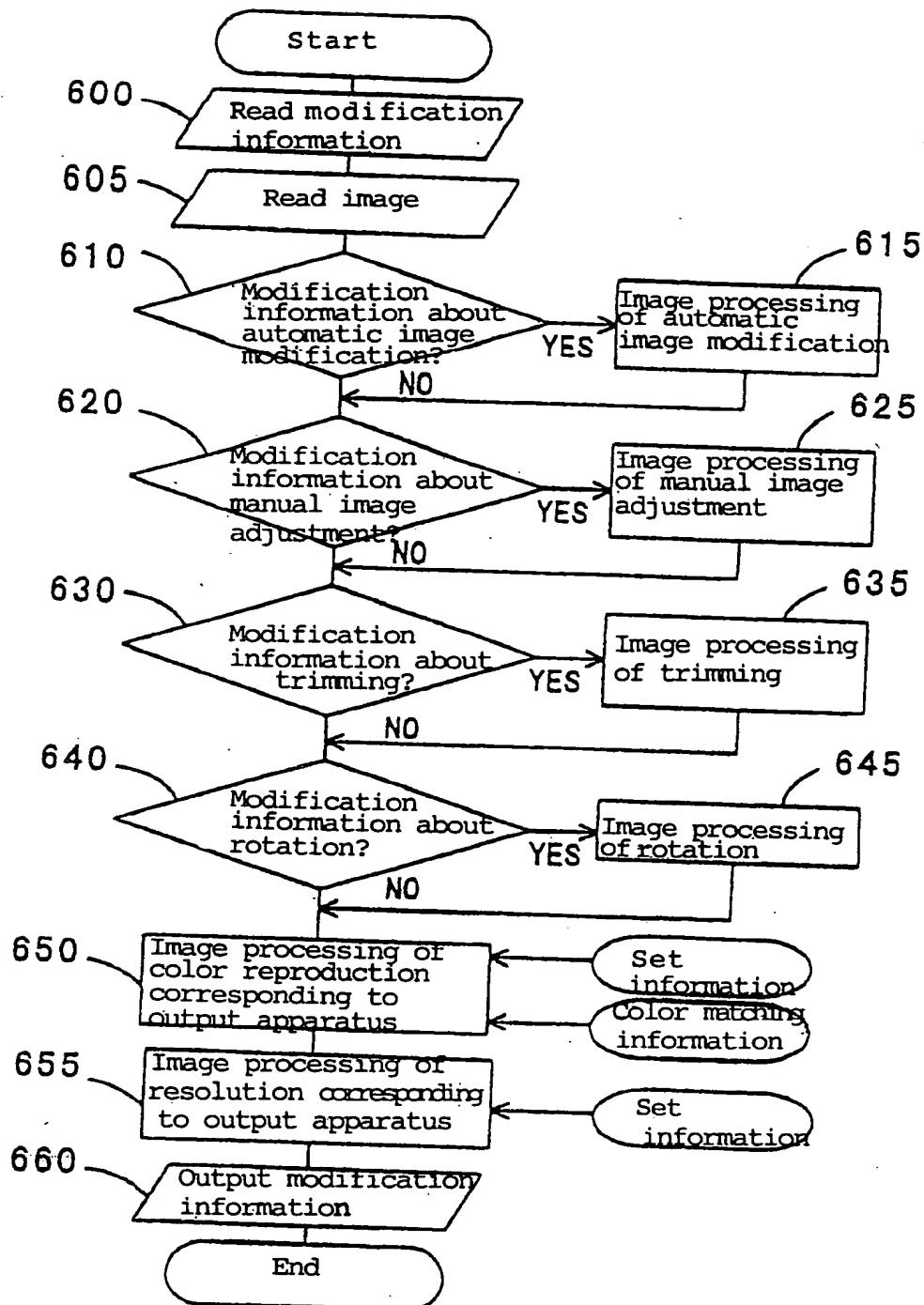
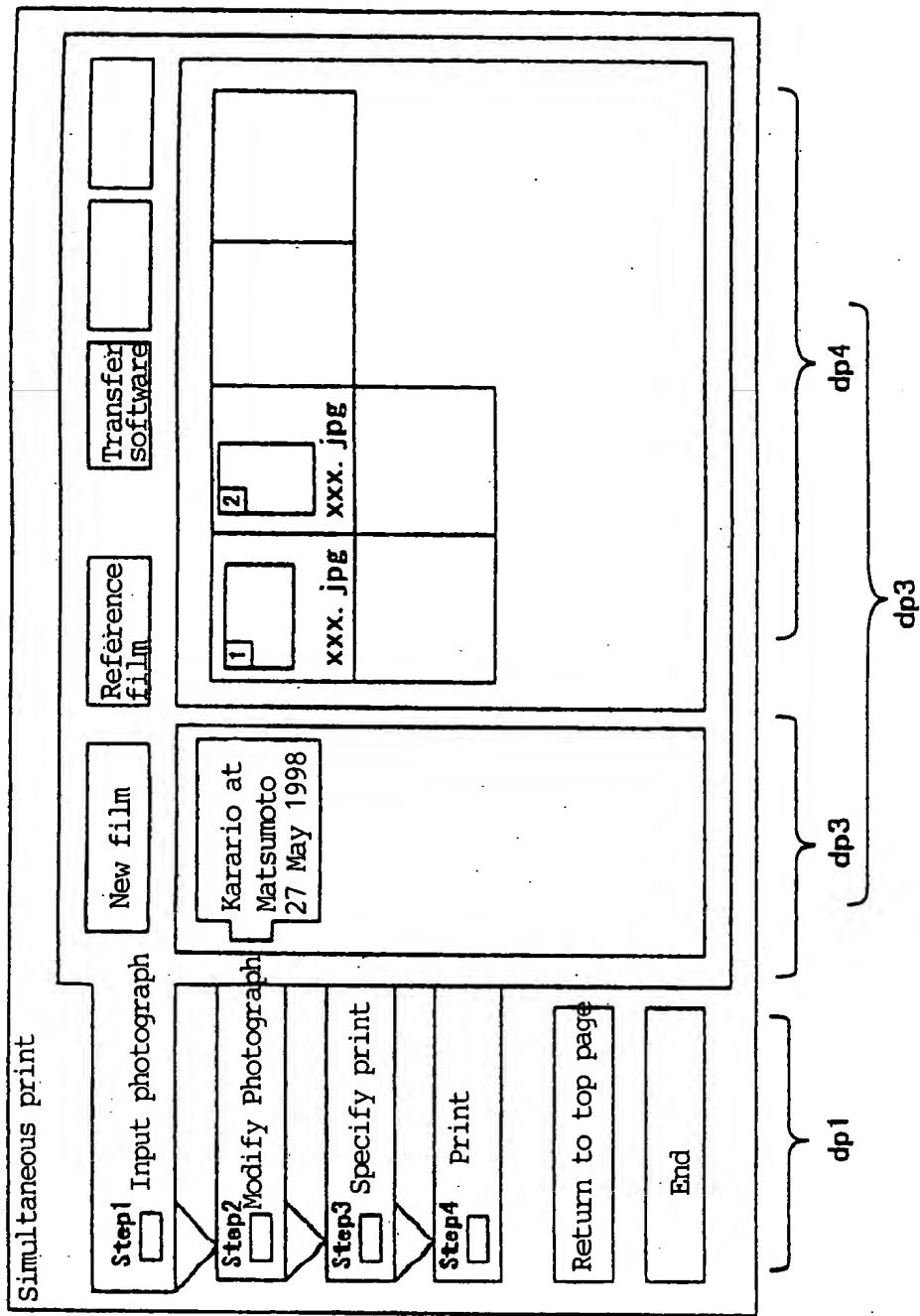


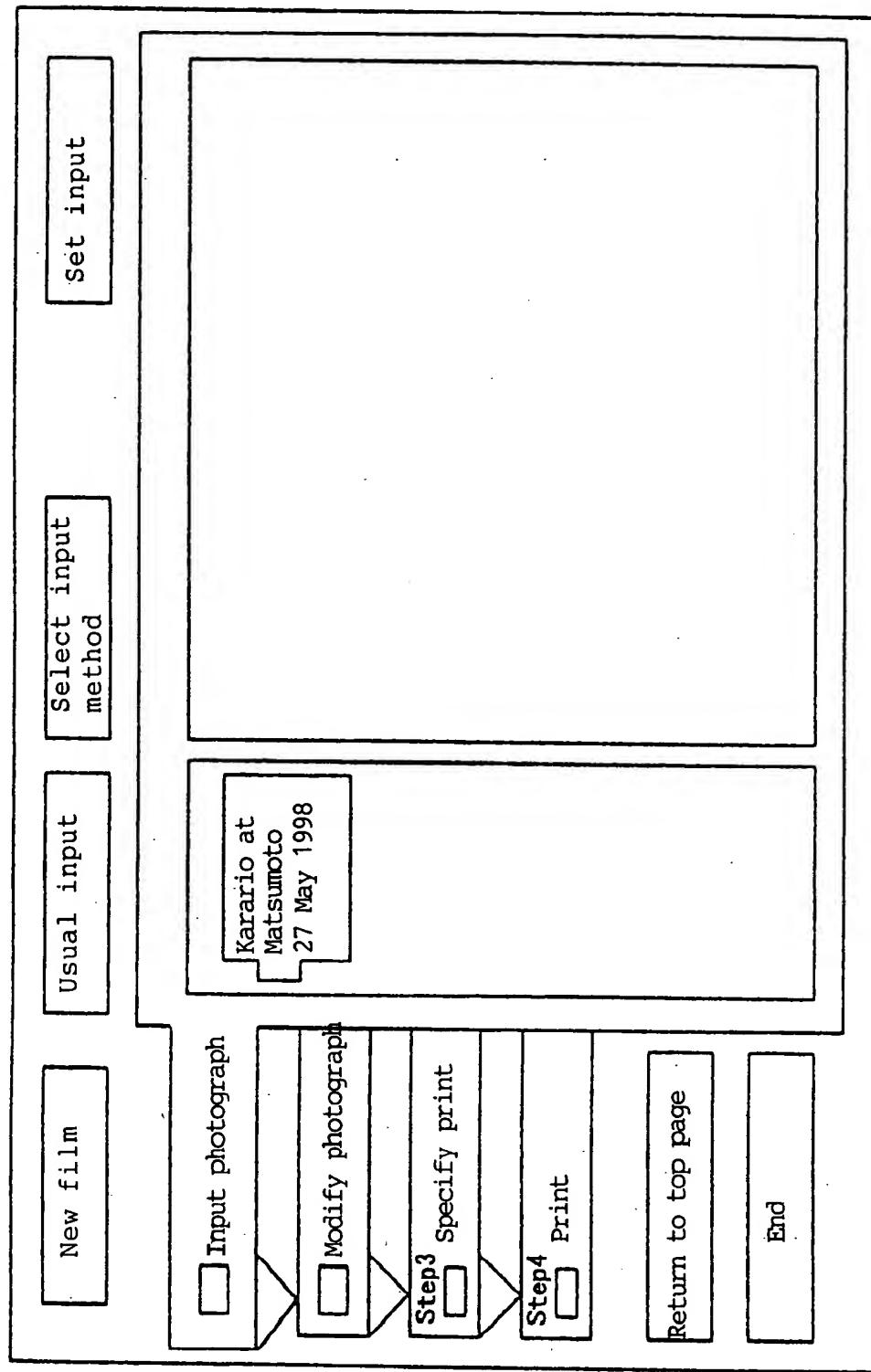
Fig. 34



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Fig. 35



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Fig. 36

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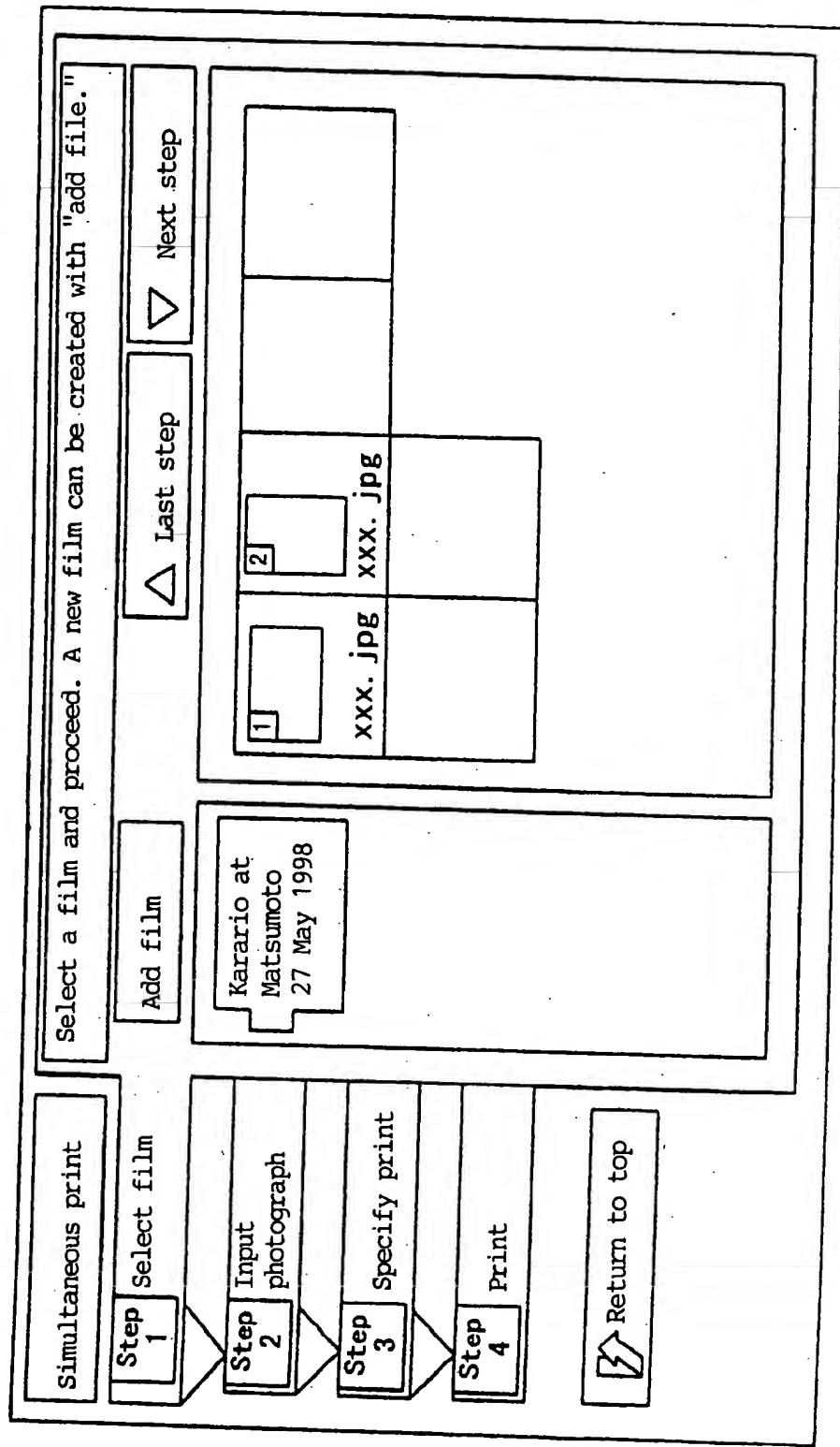
Before modification				
After modification				

Reflect on original data

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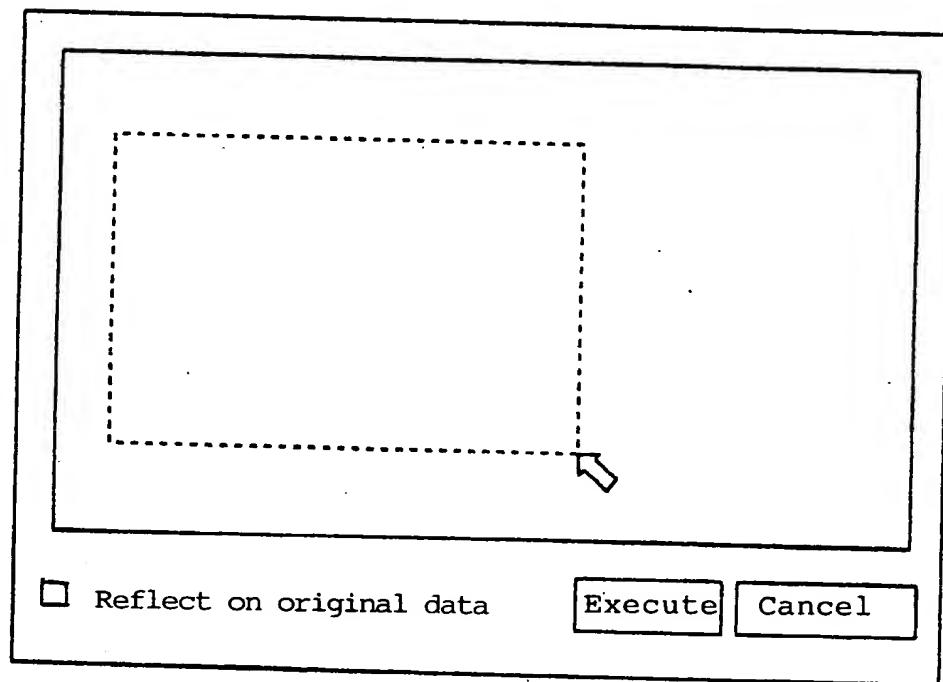
Fig. 37



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Fig. 38

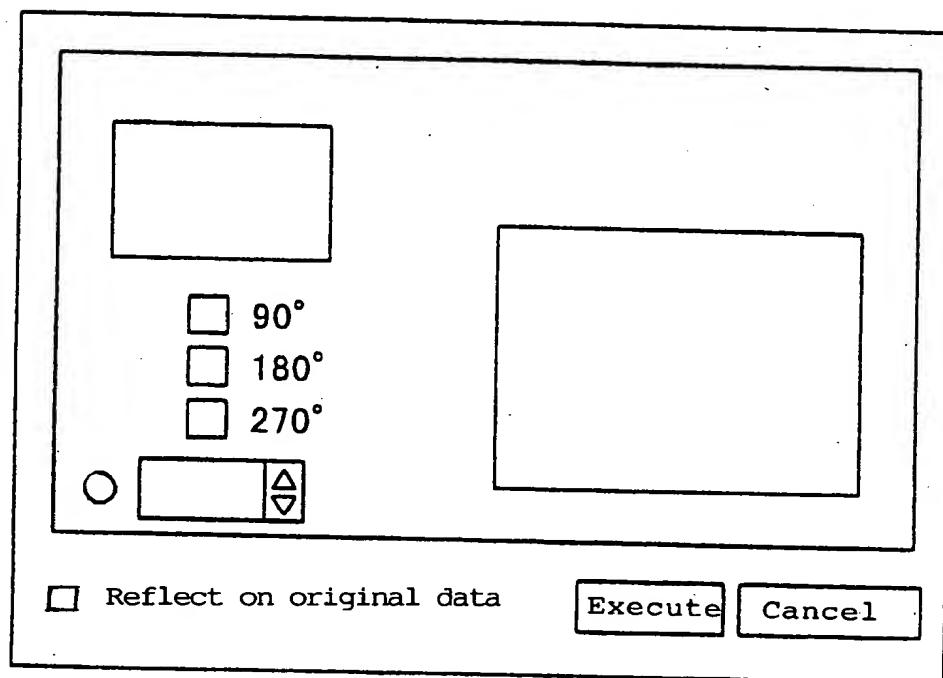


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Fig. 39

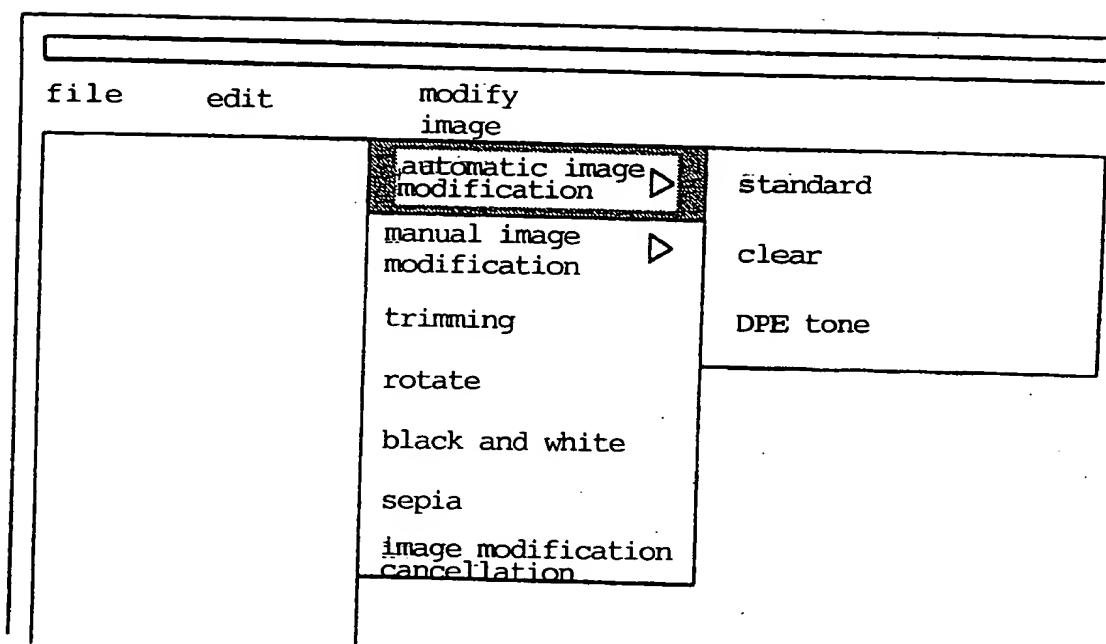
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Fig. 40

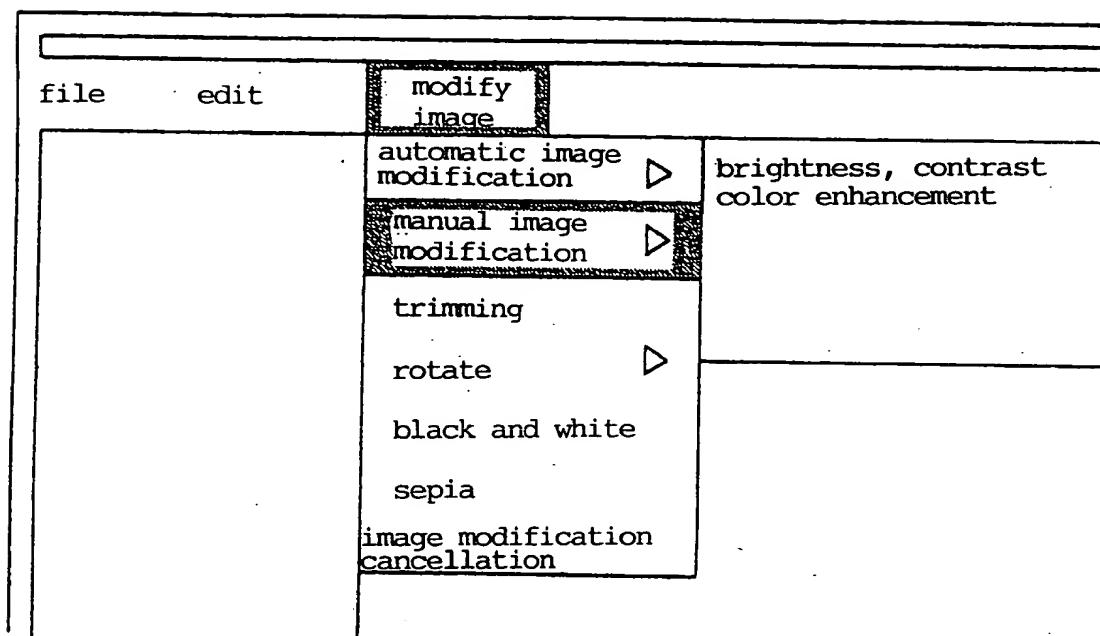


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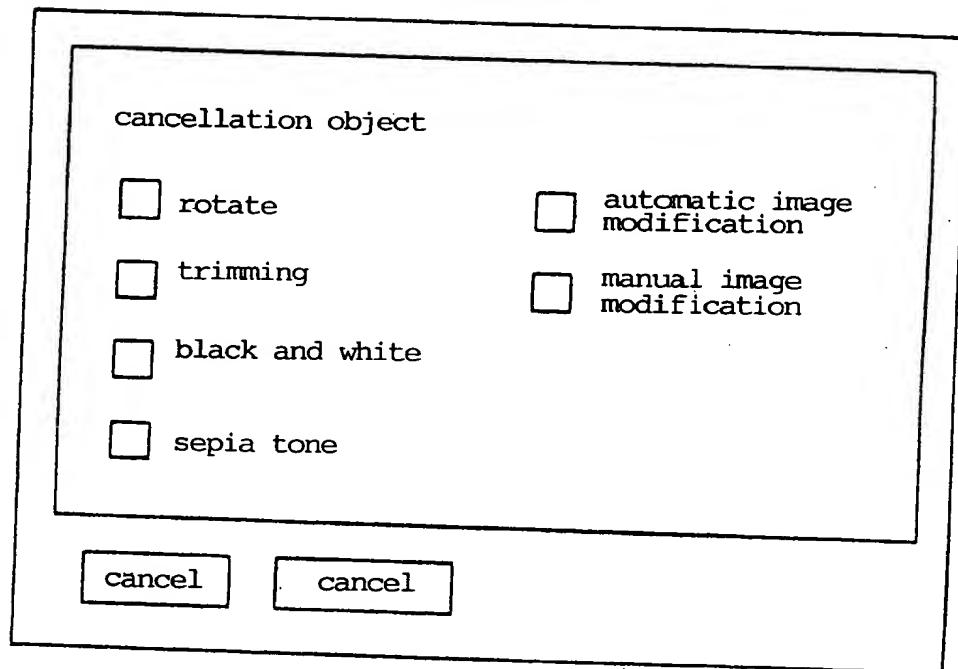
Fig. 41



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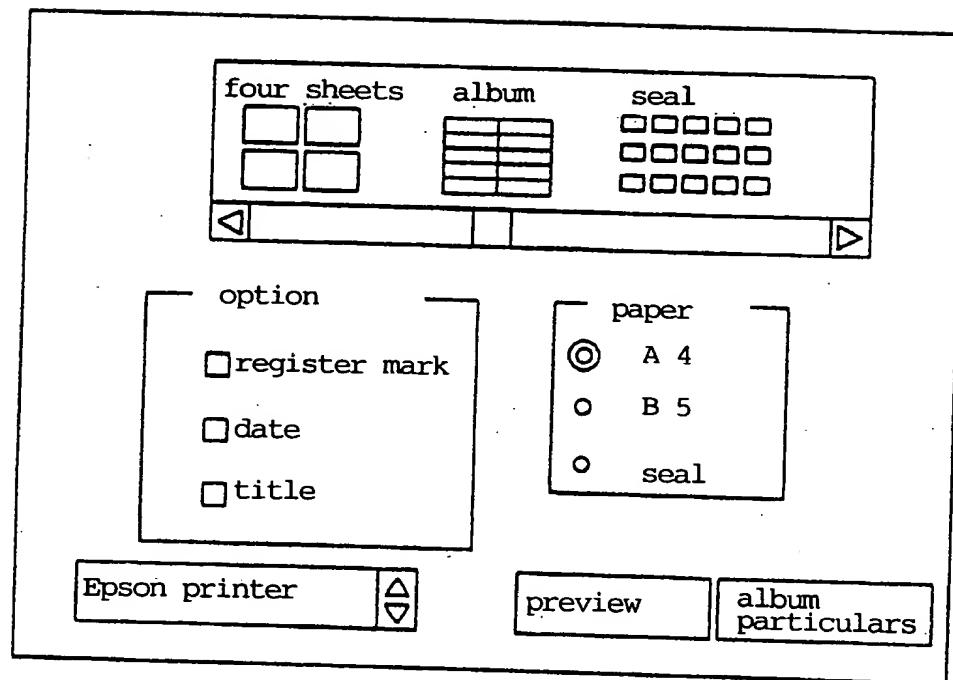
Fig. 42



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Fig. 43

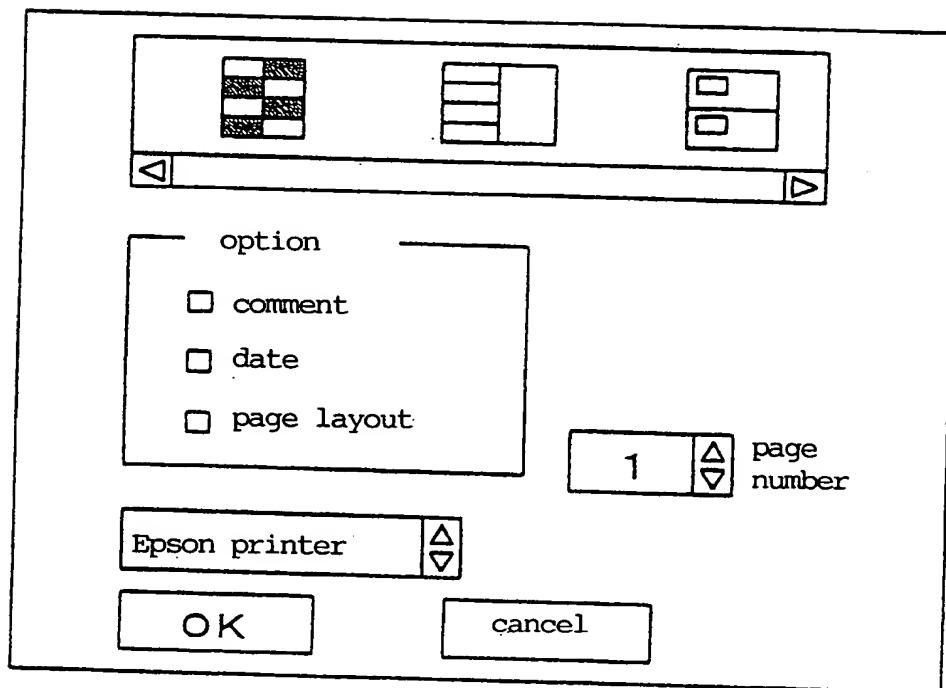


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Fig. 44



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Fig. 45

Please confirm the Epson printer is turned on
and five A4 sheets are put in.

Please click an execute button to start print.

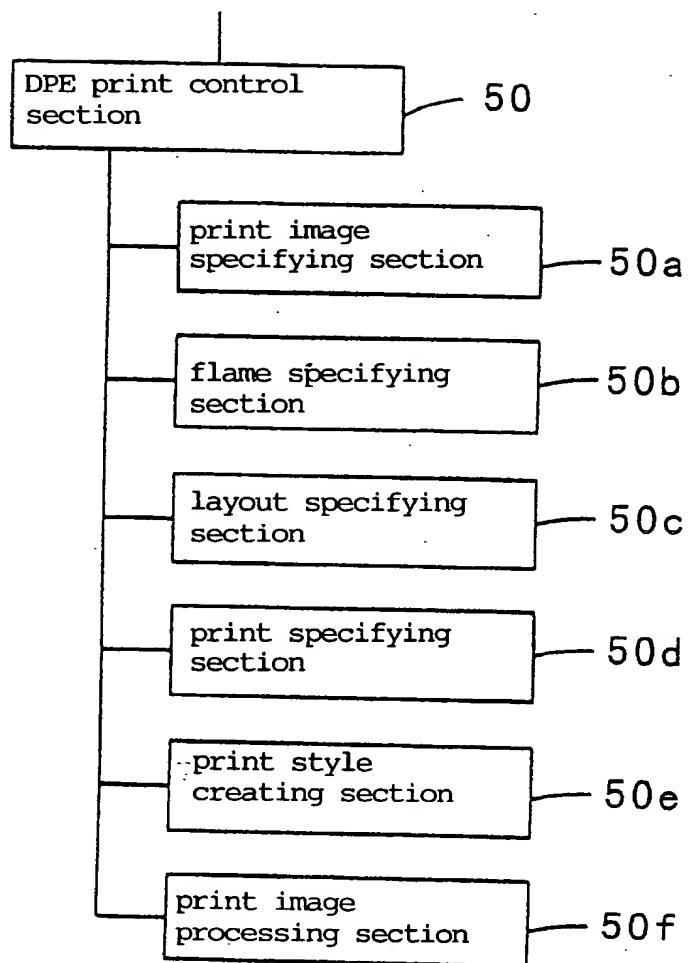
Execute

Cancel

09/529665

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Fig. 46

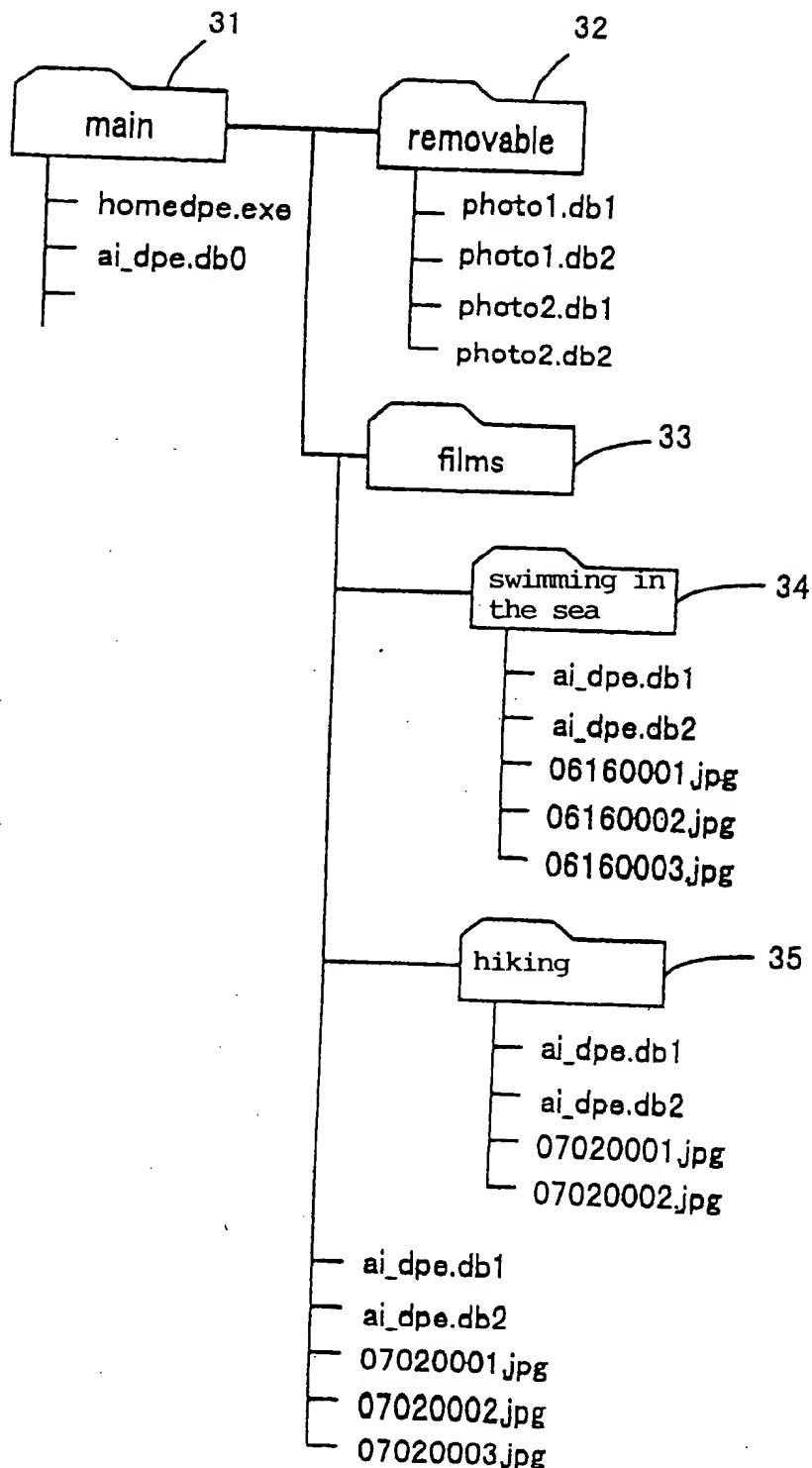


09529665 - 062000

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Fig. 47.

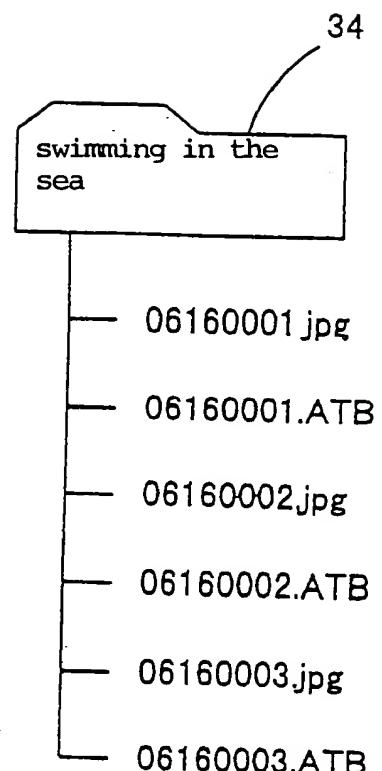


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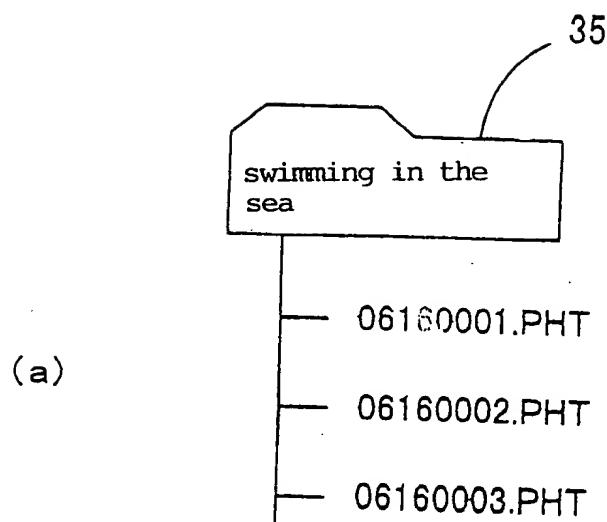
Fig. 48



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Fig. 49

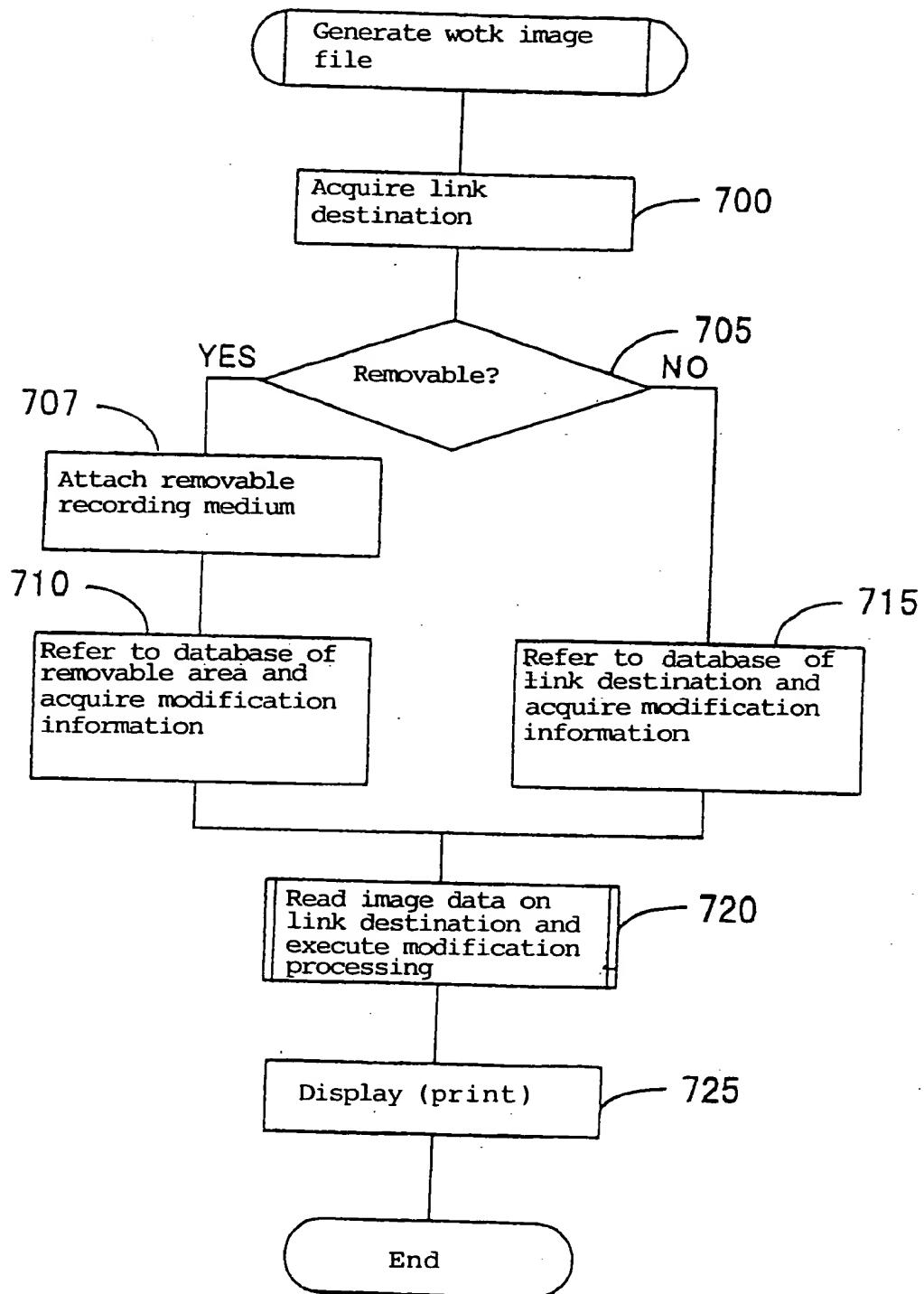


(b) x x x x.PHT { jpg
 ATB
 ENG

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Fig. 50



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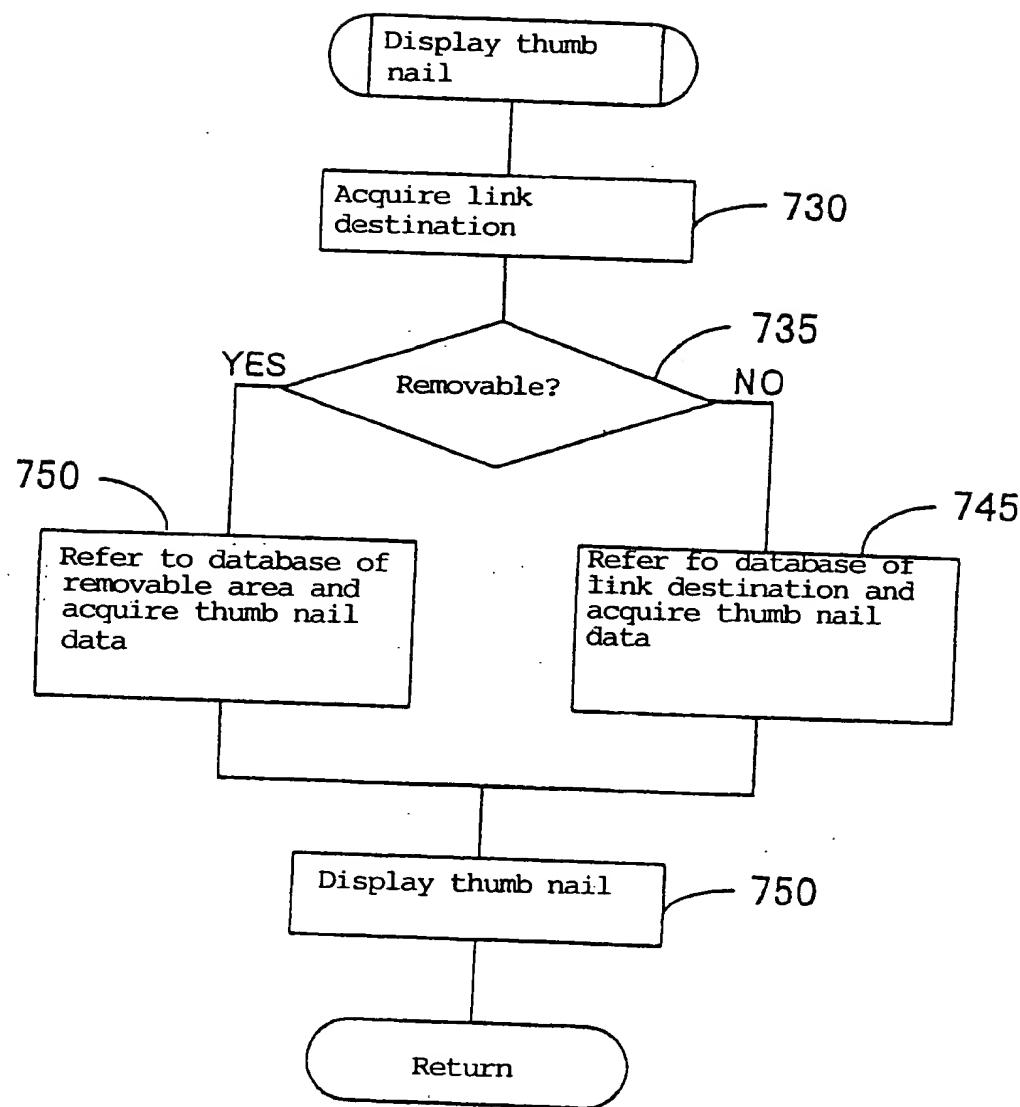
Fig. 51

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private :  
    char [100]      PATRONE ;  
    char [1000]     f_PICT ;
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Fig. 52



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Fig. 53

processing	engine	order	processing intensity
automatic image modification	V1	1	1
brightness	V1	0	0
contrast	V1	0	0
red	V1	0	0
green	V1	0	0
blue	V1	0	0

(a)

processing	engine	order	processing intensity
automatic image modification	V1	0	0
brightness	V2	4	+2
contrast	V2	5	+3
red	V2	1	+1
green	V2	2	+1
blue	V2	3	-1

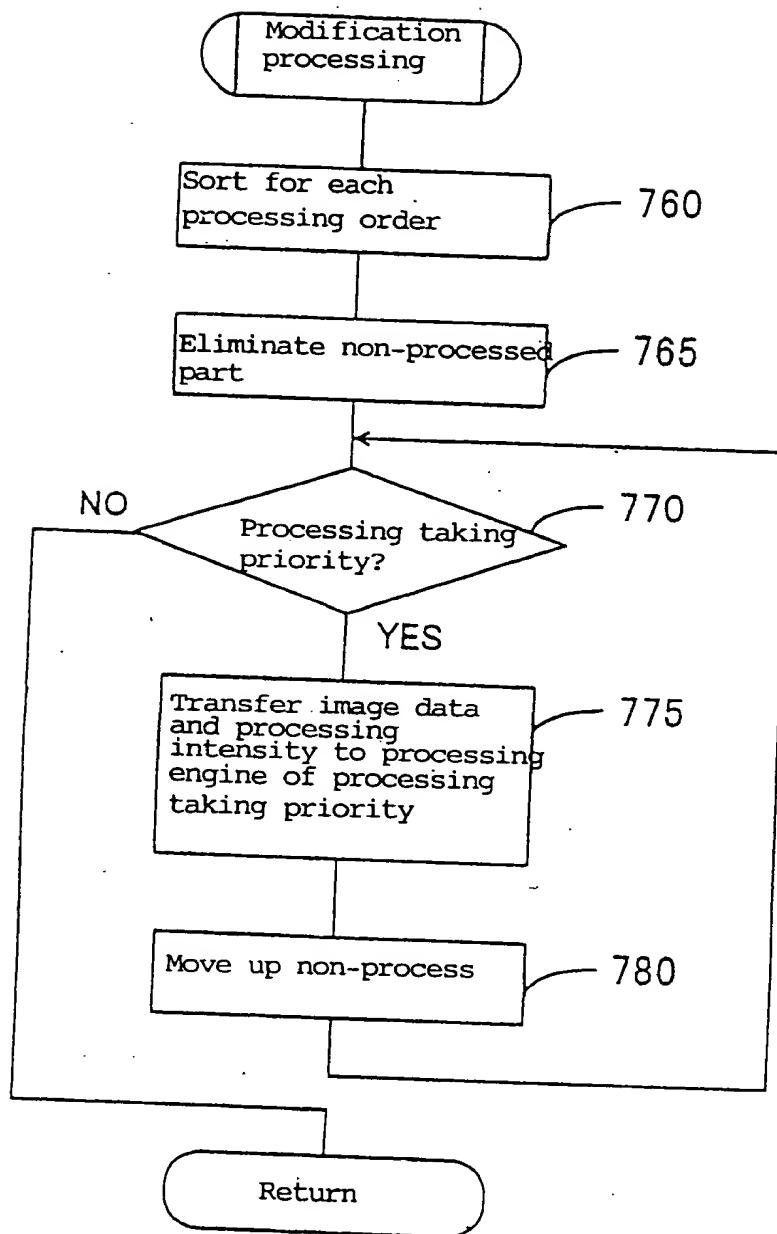
(b)

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Fig. 54

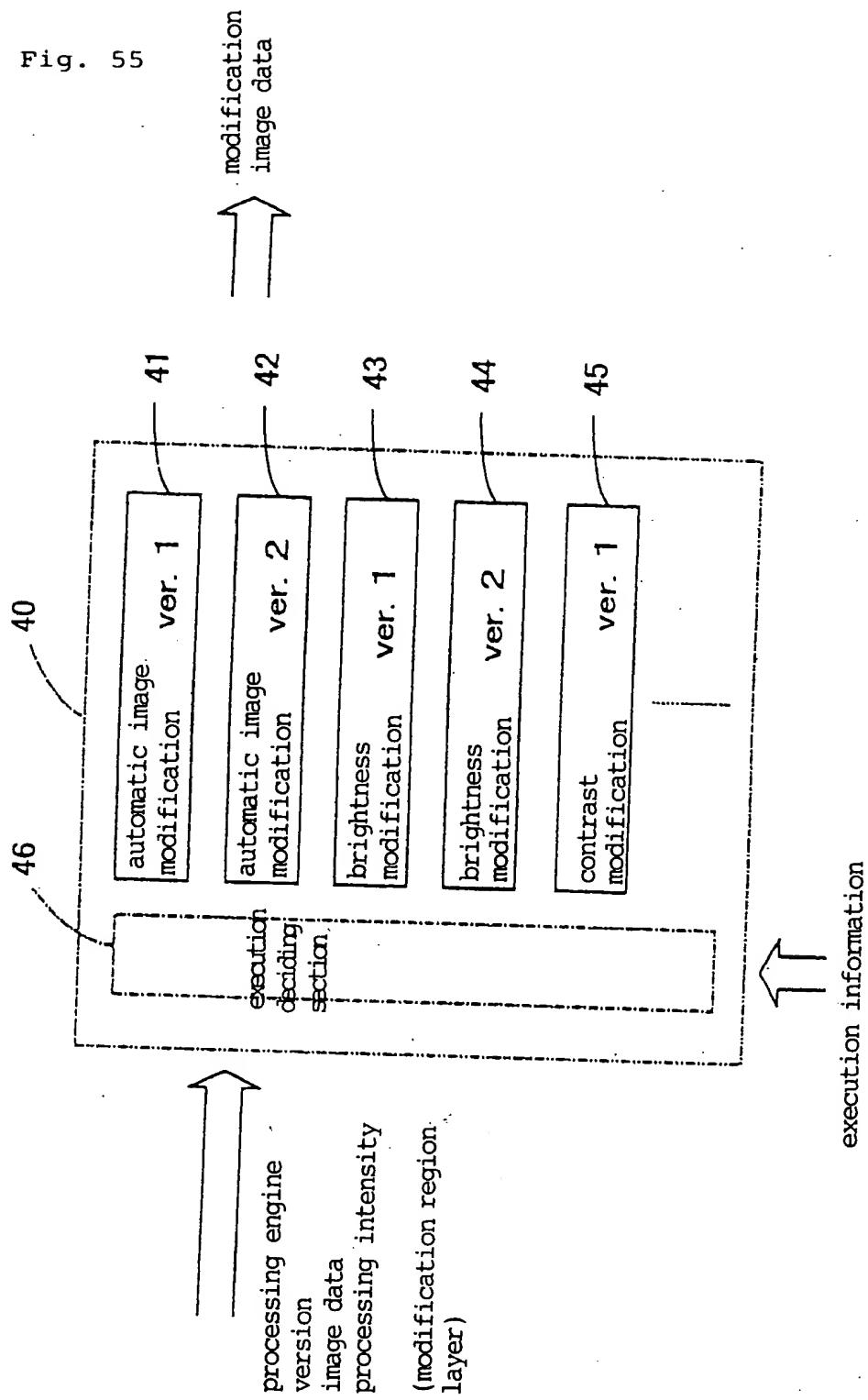


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Fig. 55



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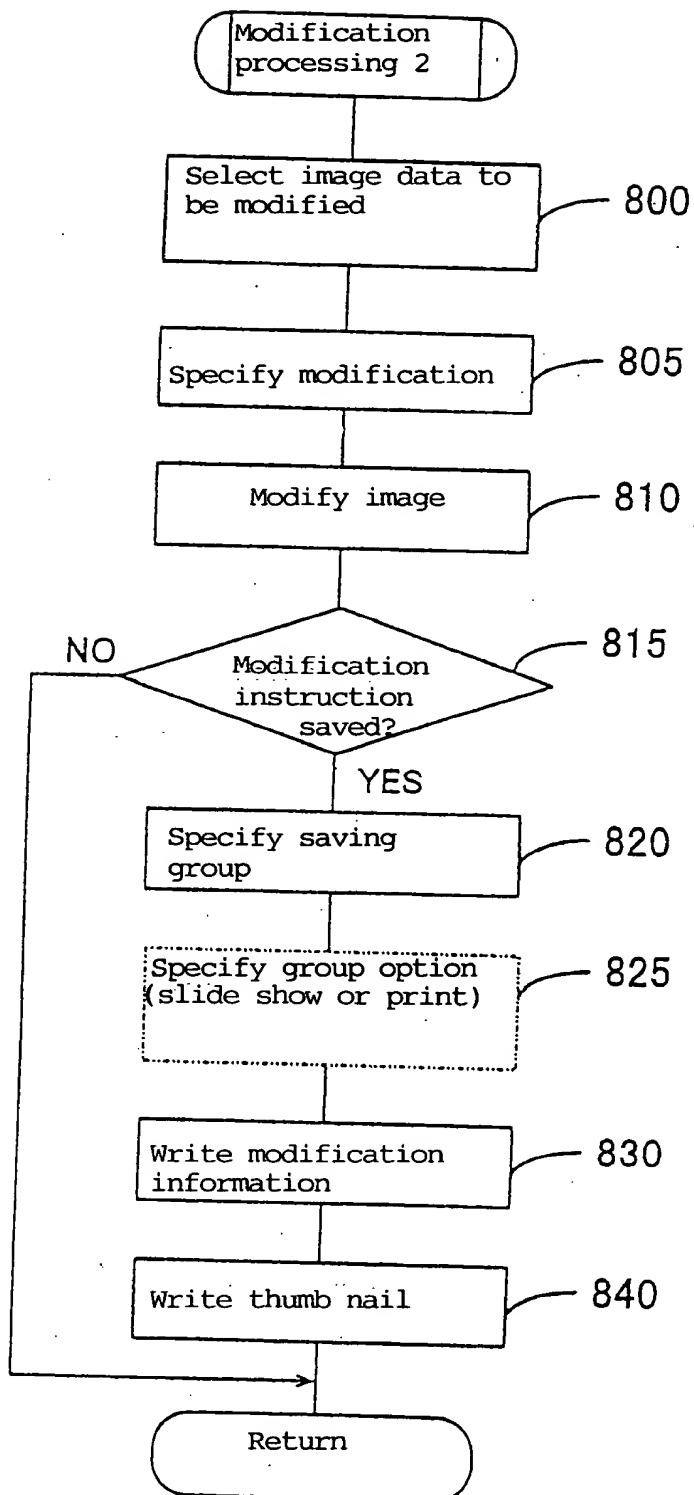
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Fig. 56

group	processing	engine	order	processing intensity
1	automatic image modification	V1	1	1
	brightness	V1	0	0
	contrast	V1	0	0
	red	V1	0	0
	green	V1	0	0
	blue	V1	0	0
2	automatic image modification	V1	0	0
	brightness	V1	1	2
	contrast	V1	1	1
	red	V1	0	0
	green	V1	0	0
	blue	V1	0	0

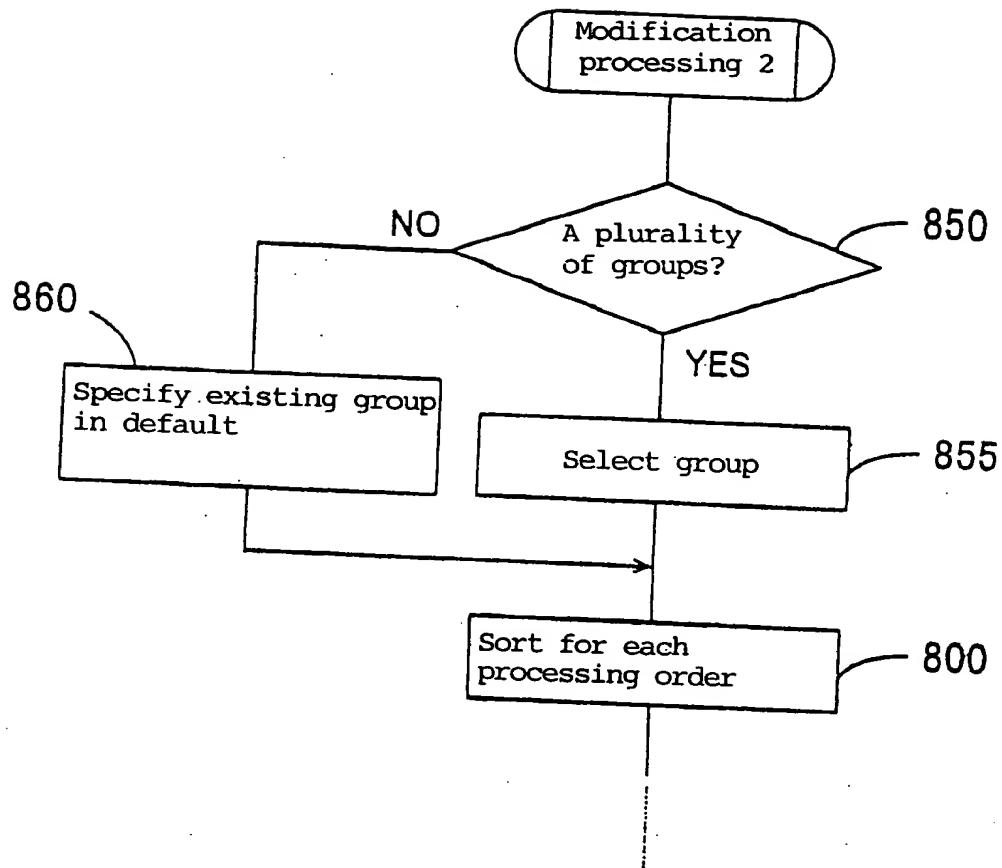
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Fig. 57



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Fig. 58

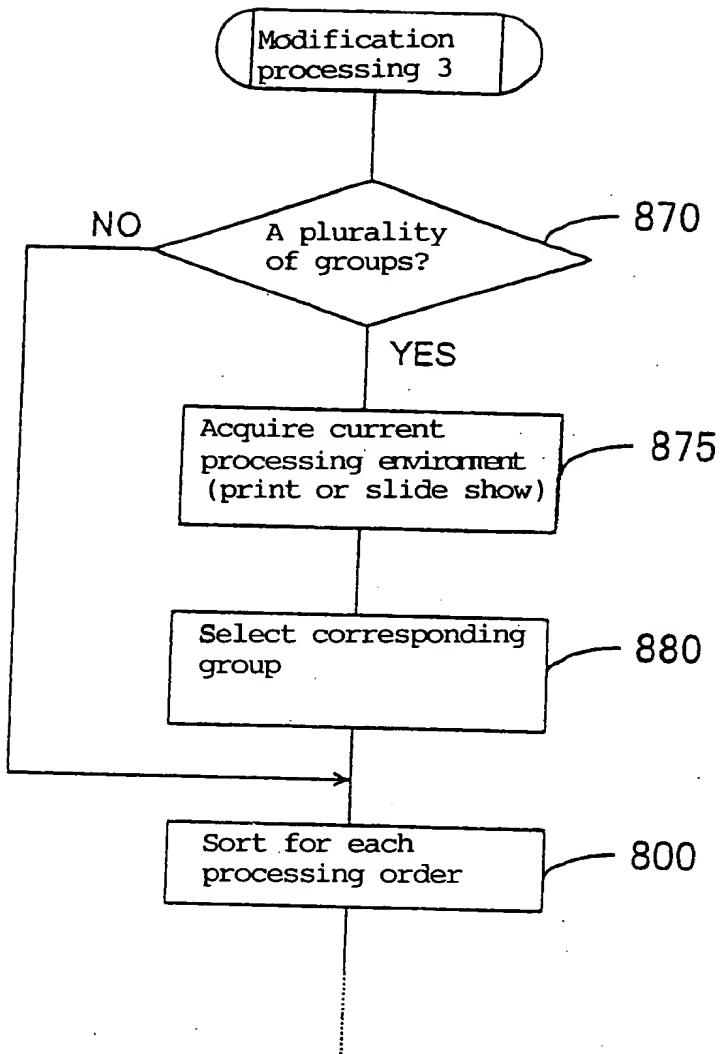


09529665 - 063000

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Fig. 59

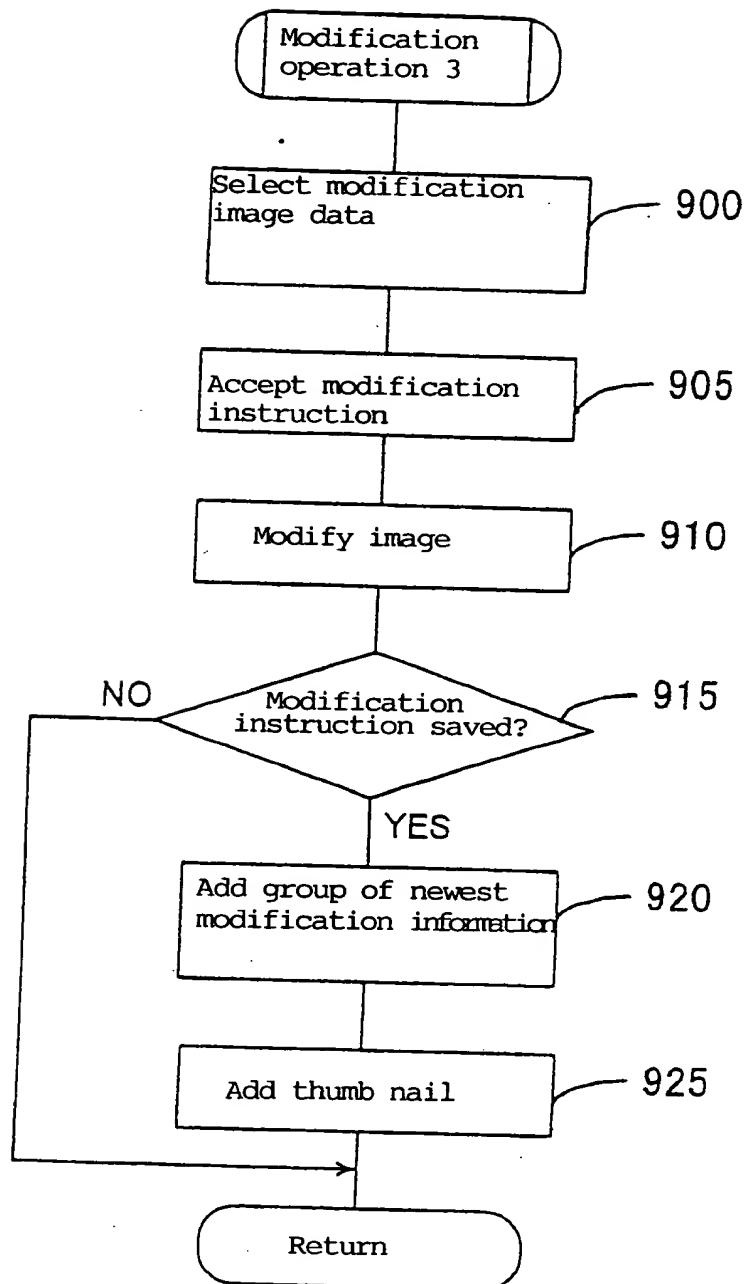


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Fig. 60

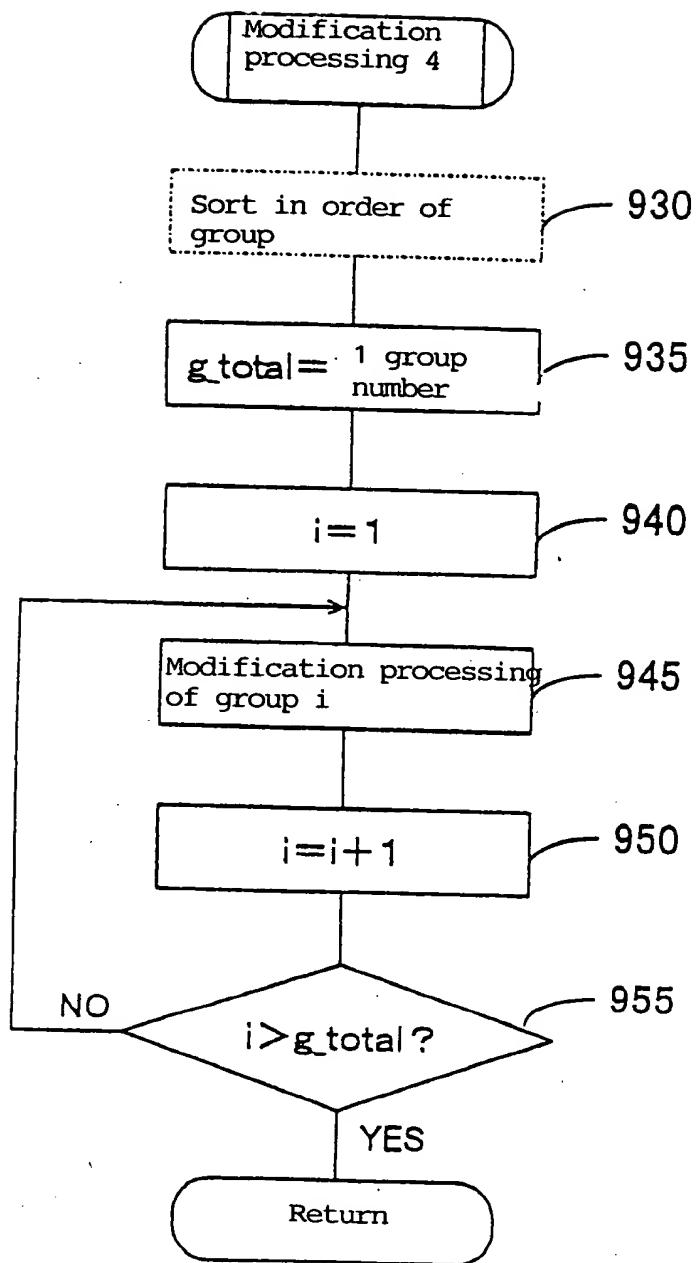


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Fig. 61

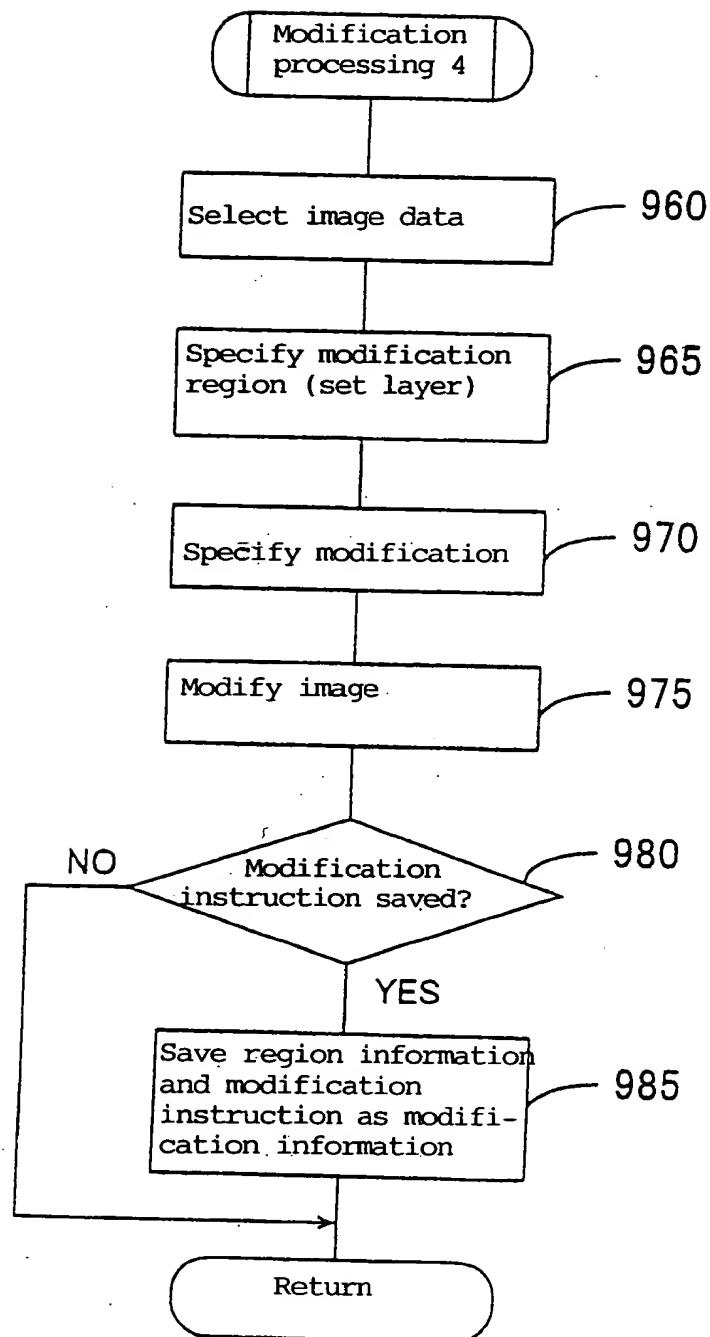


09/529665 - 09/529665

09/529665

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Fig. 62



09/529665-063000